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# The Modulus

1929

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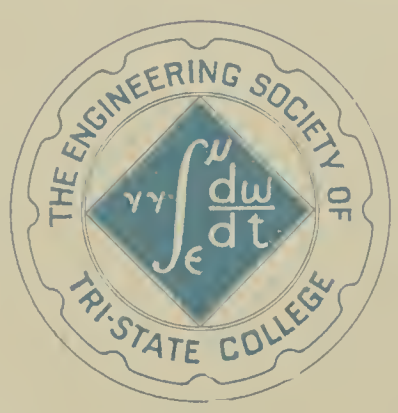
DAVID SHAVITCH,
*Editor-in-Chief*

JAMES V. GILIBERTY,
*Business Manager*



# 1929 Modulus

*Published by*

*The Engineering Society*

*Tri-State College*

*Angola, Indiana*

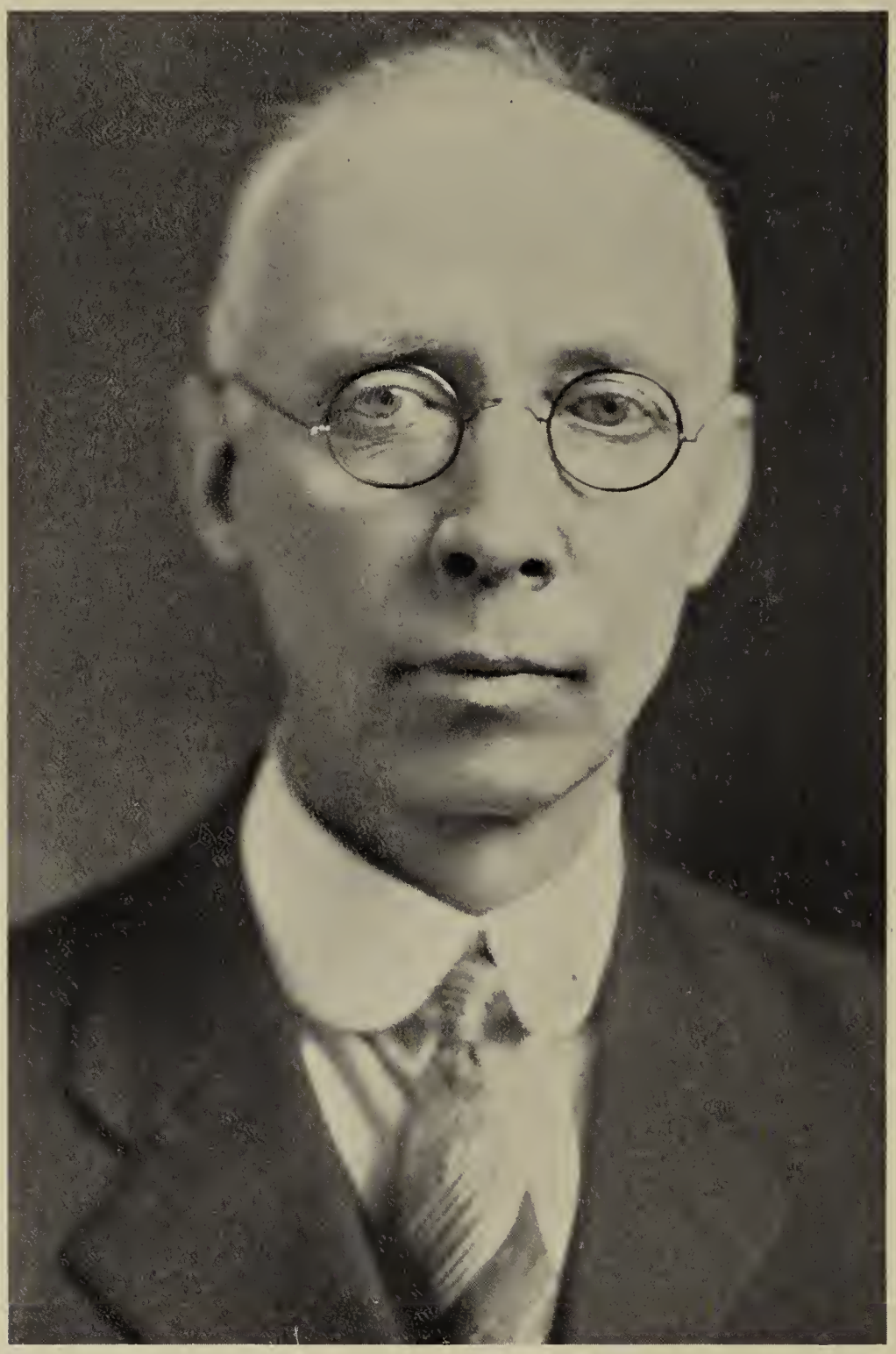
*Progress is the law of life.*
—BROWNING

# *Foreword*

TO PROGRESS!

TO PROGRESS, TO BUILD AND TO
ACHIEVE IS THE AIM OF THE
ENGINEER.

THE ENGINEERS
OF TRI-STATE COLLEGE
PRESENT THIS BOOK
SHOWING THE PROGRESS MADE
IN THE PAST YEAR
BY THEIR ALMA MATER



Burton Handy

# Dedication

TO PROFESSOR BURTON HANDY,
THE UNCOMPROMISING TEACHER
AND GENTLEMAN OF THE OLD
ORDER, IN APPRECIATION OF HIS
EFFORTS TO FURTHER THE
PROGRESS OF OUR SCHOOL.

# Order of Books

BOOK I—*College*

BOOK II—*Classes*

BOOK III—*Organizations*

BOOK IV—*Activities*

# College

*I passed beside the reverend walls*
*In which of old I wore the gown.*

—TENNYSON

*You that choose not by the view,*
*Chance as fair and choose as true!*

—SHAKESPEARE

*Look around our world, behold the chain of love*
*Combining all below and all above,*
*See plastic nature working to this end*
*The single atoms each to other tend.*

—Pope

PRINTED IN FRANCE

*With a continual flow the cherished fields*
*Put on their winter robe of purest white.*

—THOMSON

*All finest relishes, all fairest sights,*
*All rarest odors, all divinest sounds,*
*All thoughts, all feelings dearest to the soul.*

—Pollok

*Poems are made by fools like me*
*But only God can make a tree.*

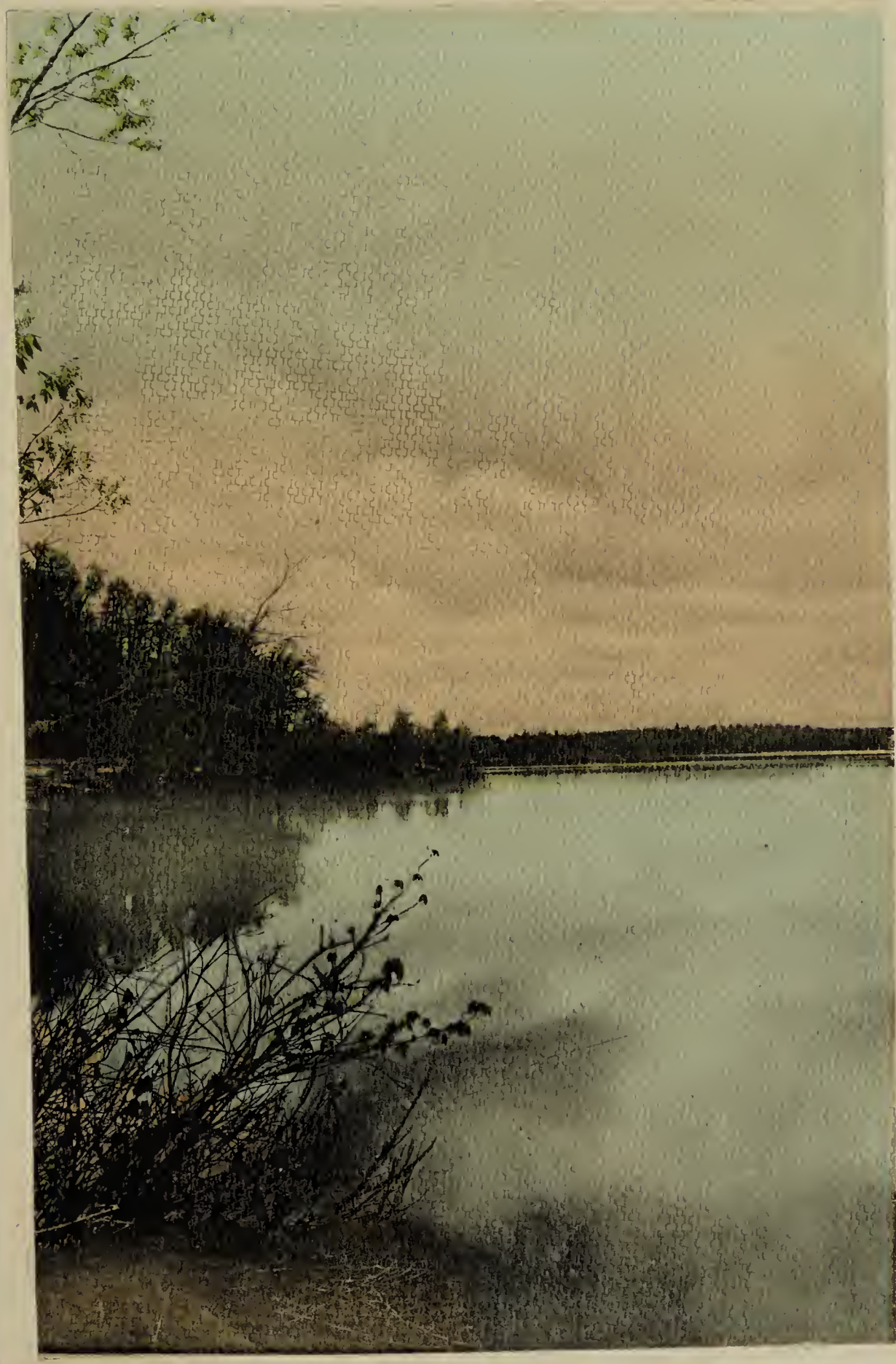
—KILMER

*The waters know their own, and draw*
*The brook that springs in yonder height;*
*So flows the good with equal law*
*Unto the soul of pure delight.*

—Burroughs

*Yet pure its water . . its shallows are bright*
*With colored pebbles and sparkles of light.*

—BRYANT



# Administration

THE faculty to understand and interpret other men's minds is of inestimable value to any student. The young man or woman who has completed a schedule of studies, whether they are technical or general, has become a composite of all his teachers and the authors with whom he has been associated in his college life; he is therefore the beneficiary of all thinkers of the present and by-gone ages.

We study engineering so that we may become better artisans and better professional men, but unless we can correlate our studies with the minds of our authors and teachers we lack one of the greatest assets to become a leader among men.

"Leadership is the legitimate aspiration of every able-bodied and able-minded man or woman."

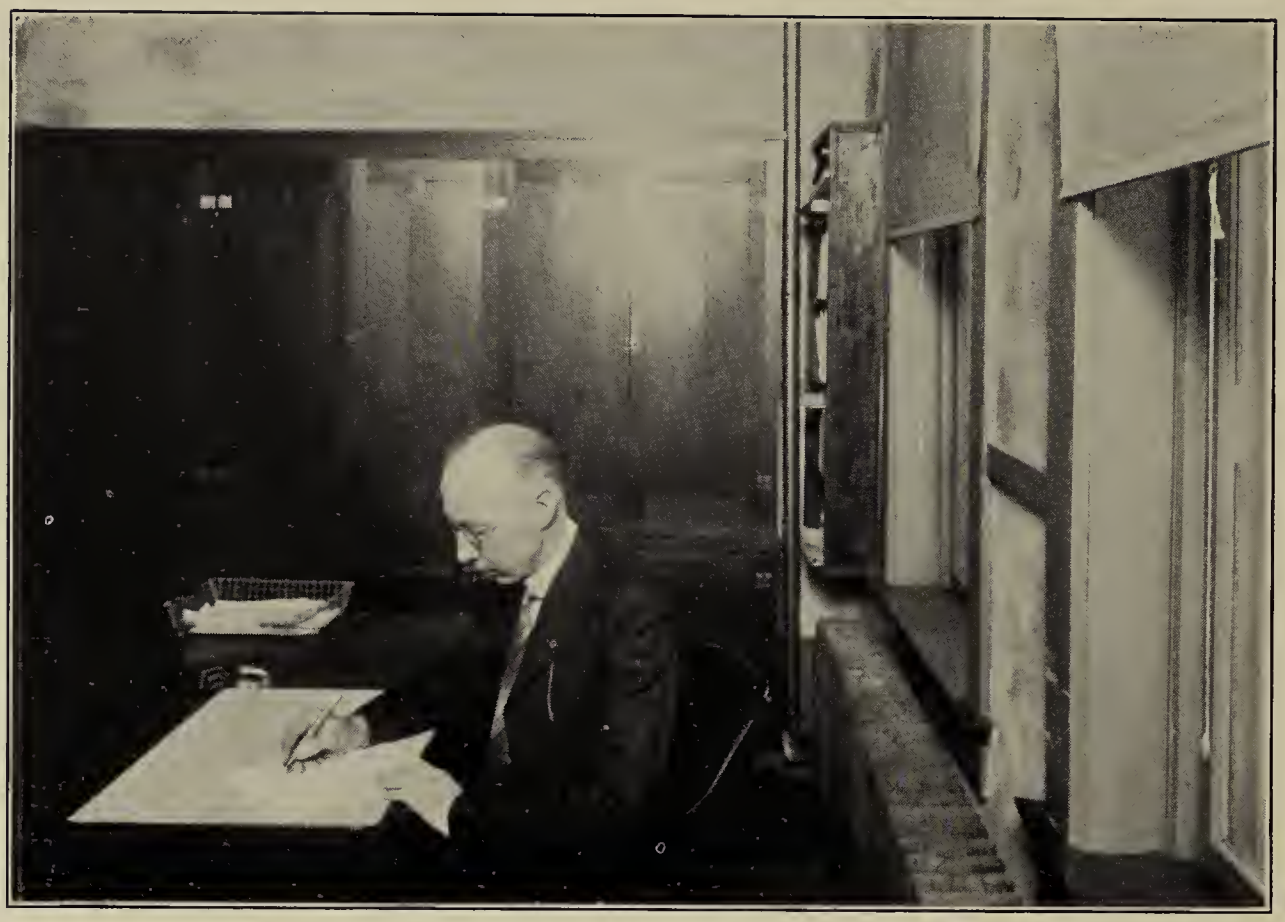
Prerequisites to leadership:

1. Ability to Cooperate; 2. Moral Cleanness; 3. Honesty; 4. Faith in Knowledge; 5. Technical Ability; 6. Power of Expression; 7. Accuracy of observation; 8. Perseverence; 9. Power of Concentration; 10. Power of Initiative; 11. Ability to Reason; 12. Health of Body; 13. Manner; 14. Belief in God, the Father; in the Church; in our Friends; 15. Reputation; 16. Disposition; 17. Common Sense; 18. Personality; 19 Personal Appearance; 20. Tact; 21 Courtesy; 22. Cordiality.

Even though a student does not possess, or if he cannot acquire all of these qualities in their perfection, he should think seriously over these things, for they will accompany him throughout life, and if cautiously observed he will lead a successful life, whose evening will be illuminated with happy thoughts and deeds well done.

C. C. Sherrard

*President*



THE world is asking, in these days of wonderful development, for men who can do things. It is ready to give to such the greatest rewards in its power to bestow. Honor and fame and material compensation come to him who has prepared himself to do the world's work. But before receiving such gifts each man is required to show that he is worthy of them. And that worth must be proved by the possession of more than mere knowledge. The man who would win the largest reward must have qualities of heart and life commensurate with his ability to accomplish tasks. Lacking a basis in character the talented man is likely to become a menace to the world rather than a benefactor. The man who possesses traits of character which mark him as honest and upright and at the same time has the ability to perform the task assigned him need have no fear of the future.

Tri-State College can wish no better fortune for its students than that they may go out from its halls and classrooms thoroughly equipped with these two essentials for success—a character that will lead them along a straight path and a knowledge that will make it possible for them to do that which comes in the line of duty in a way that merits the approval of those who are interested.

Burton Handy

*Registrar*

As a growing engineering and commercial college with a creditable past and a bright future, it is only befitting and right, in this "Modulus," that we who are the present managers and directors should pay tribute to our founders, alumni, students, and other friends whose devoted efforts have linked us with the past.

Great men were the pioneers of this college and, in fact, of the colleges of the middle west. They became nationally eminent and were known among the college fraternity for their foresight and sound principles.

Today, in our directorate, there is new blood, fine knowledge, and modern ideals; but we still cling to the traditions and policies of the old regime, among which we were reared.

We want to express our appreciation to the founders, alumni, students and friends, who have helped develop our Alma Mater, and made our success. We value you more than the accumulation of buildings; and thousands in endowments. To you, we are very grateful.

That "  "which was in the minds of our pioneers.
That "  " which was in the corner stone of our founding.
That "  " which was the inspiration of our past.
That "  " which is the sacred charge of our present.
That "  " which is the promise of our future.
That "Golden Rule" let us make our allegiance.

C. S. Nichols

*Dean of the College of Engineering*

IDEALISM is a spiritual quality. Spiritual qualities are all, more or less, abstract. They are intangible in that they cannot be handled. They can be seen, however, as they shine through the eyes, and they can be felt as they express themselves in the lives and character of great souls.

IDEALISM is a spiritual quality toward which all should strive. It differs however from other spiritual qualities in that when the ideal is reached it is no longer a spiritual quality but a fact.

IDEALISM is a conviction, born of faith. It can't be proven except as it is accepted by faith. It is, however, absolutely essential to the growth and development of human life.

IDEALISM does not mean that one is to deceive himself about the realities of this world, but, that through a clearer interpretation and a finer sense of discernment, he will understand the world and will be able to overcome it; to him the victory over both the world and self.

IDEALISM is something higher and finer than the gross materialism of this world. It puts finesse into character; moral fibre into the soul; purity of purpose and thought into the heart.

IDEALISM is most worthwhile. It will help one to go straight and enable him to be what he ought to be. It will mean strength in weakness; restraint in folly; advice in indecision; in short, it will be the still small voice, constant and insistant that never fails.

IDEALISM means a discontent with things that are. It means a reaching out for something better. It means to be in the world but not of it. It means less of the materialistic, less of the flesh, more of the idealistic, more of the spiritual. One cannot be better or finer than his ideals.

J. Walfred Lindstrom

*Dean of the School of Commerce.*

William A. Pfeifer
E. E.
*Head of the Department*

Virgil R. Simpson
*Instructor*

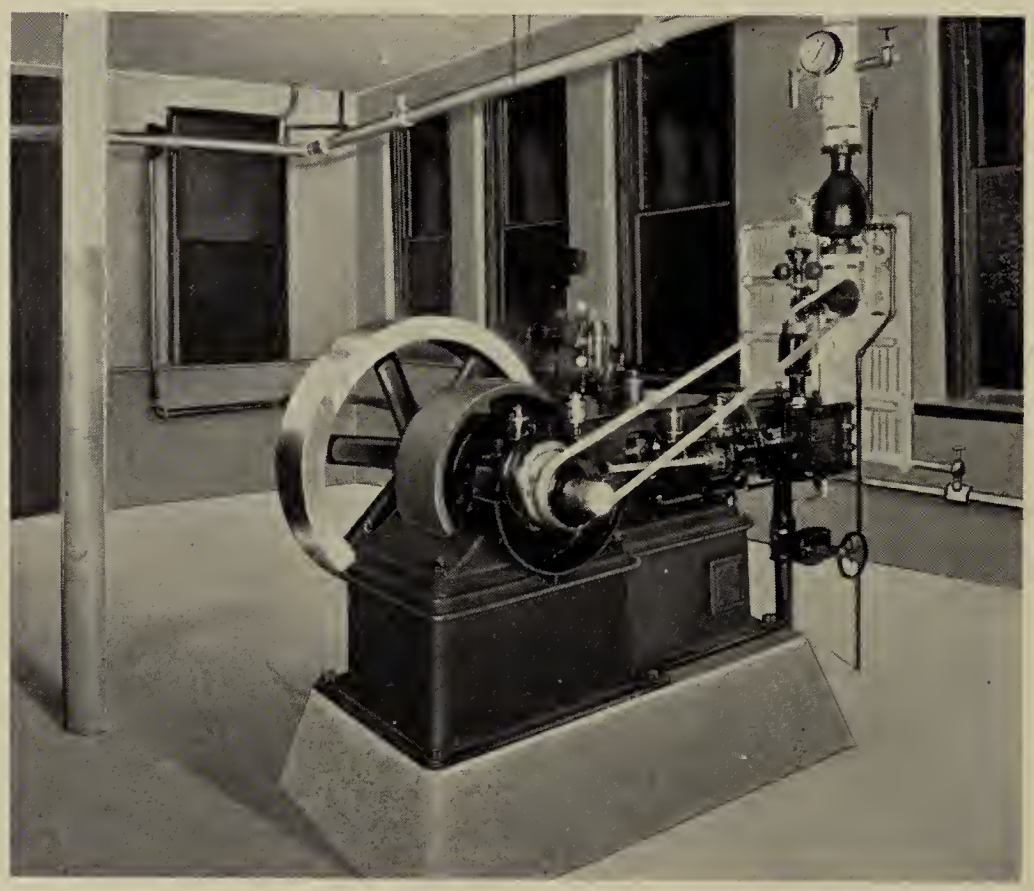
John D. Powers
*Instructor*

# *Department of Electrical Engineering*

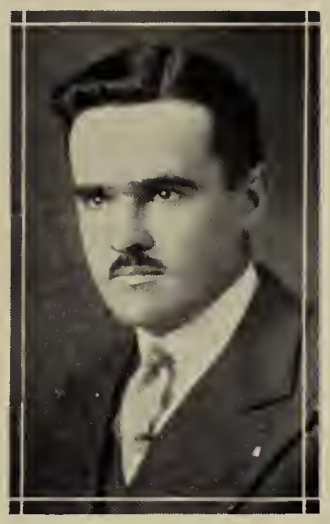
RAYMON T. ROUSH
B. S. in M. E.
*Head of the Department*

CLAUDE W. WEST
B. S. in M. E.
*Mechanics*

# *Department of Mechanical Engineering*

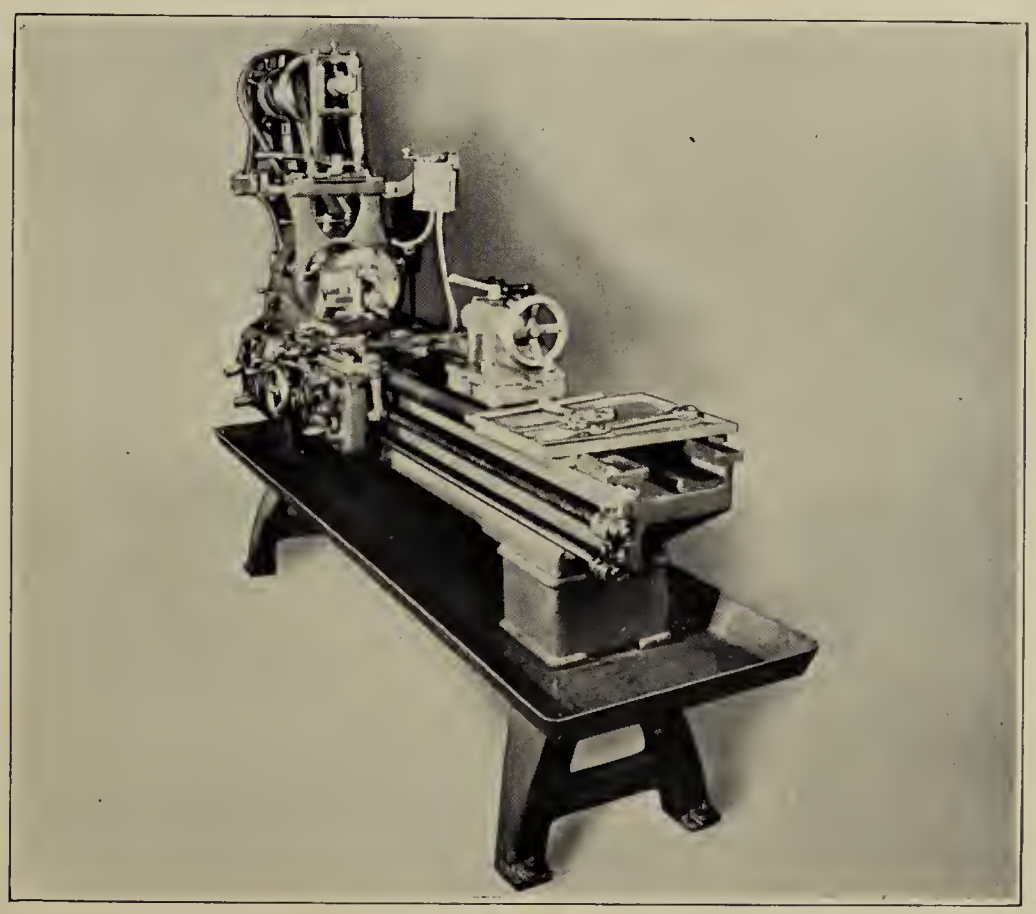


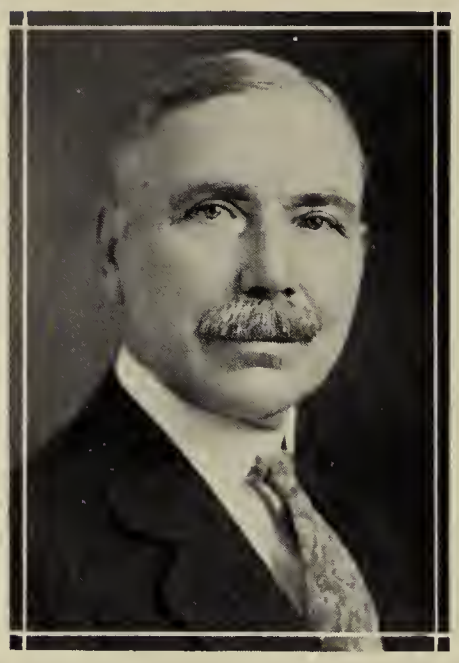
MILFORD COLLINS
B. S. in E. E.
*Physics*



RAYMOND G. CLARK
*Instructor*

JOHN HUMPHRIES
B. S. in M. E.
*Drawing*

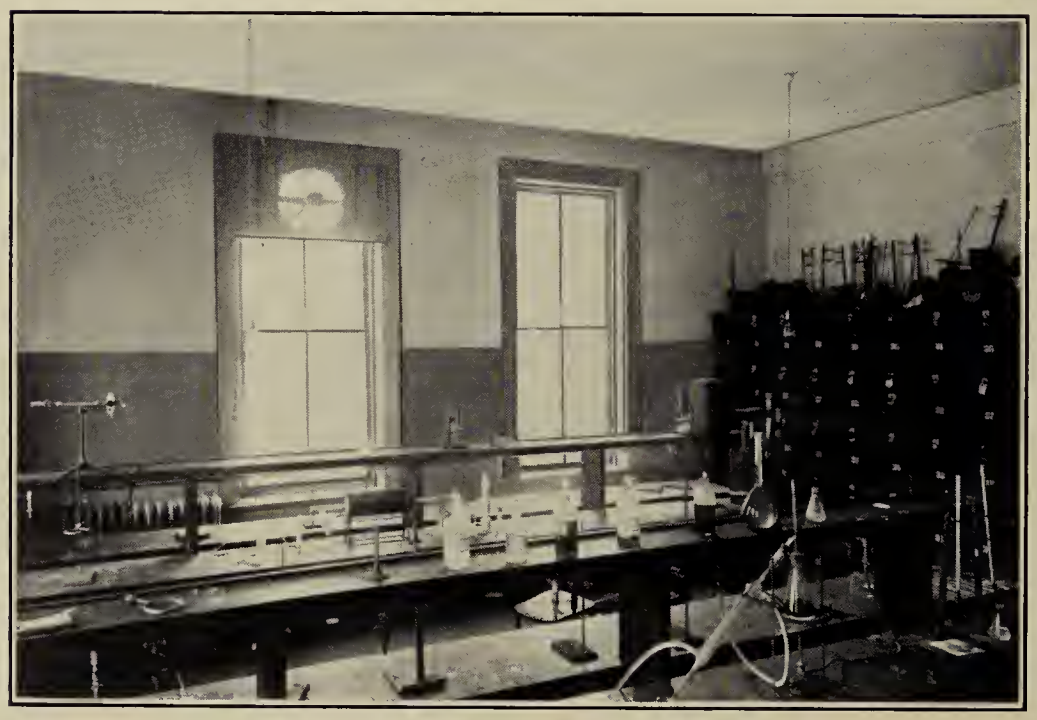




CHARLES C. SHERRARD
PH. C., M. S.
*Head of the Department*

GERALD MOORE
B. S. IN CH. E.
*General Chemistry*

# *Department of Chemical Engineering*



STEFAN J. SLANINA
*Instructor*

FREDERIC N. HOPPER
*Instructor*

JOHN A. MICHAEL
A. B. A. M.
*Instructor*

WILLIAM M. LEHMKUHL
*Instructor*

MICHAEL F. SPIRITO
*Instructor*

GEORGE G. NIEHOUS
C. E.
*Head of the Department*

DALE F. POWERS
*Instructor*

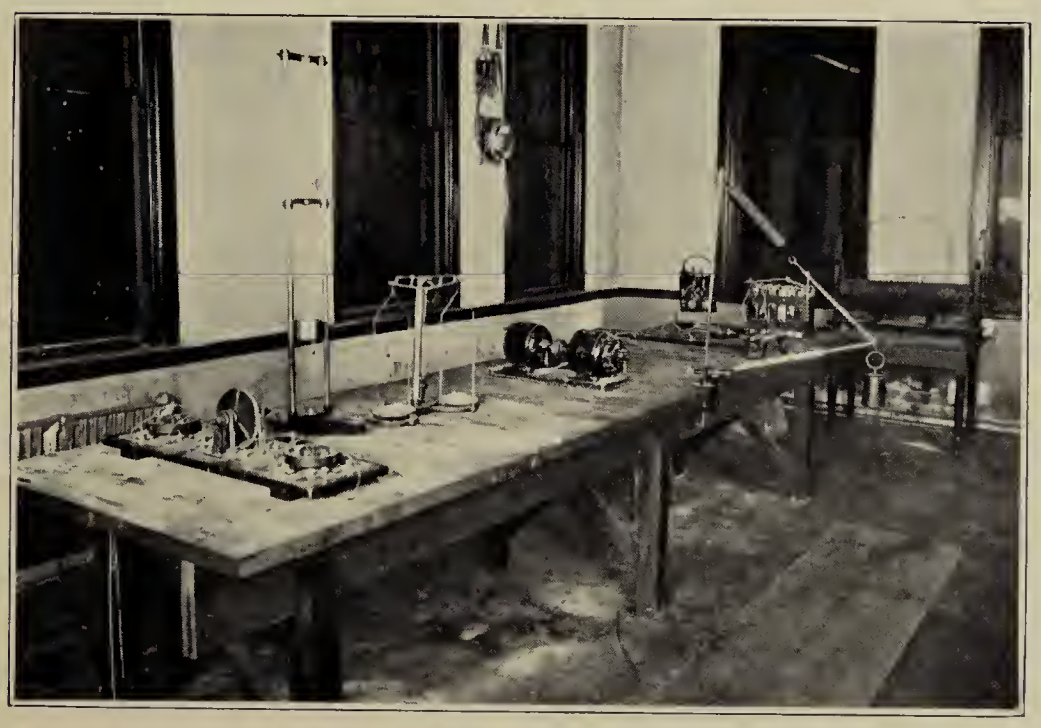
CLEM H. WOLF
*Instructor*

# *Department of Civil Engineering*

LUTHER A. OTT
B. S. in E. E.
*Head of the Department*

ALICE A. PARROTT
A. B., B. PD., A. M.
*English*

# *Department of Administrative Engineering*



WALFRED LINDSTROM
A. B.
*Dean*

JONAS G. CRISMAN
B. C. S.
*Typewriting and Shorthand*

# *School of Commerce*

C. F. Cronin
B. S. in EC.
*Accounting and Economics*

J. O. Rose
B. D.
*Public Speaking and Ethics*

L. N. Way
B. ACC.
*Instructor*

WINIFRED R. WAUGH
*Librarian*

MARJORIE RYDER
*Secretary to the President*

MARGARET ALLEN
*Secretary to the Treasurer*

PAULINE ROSE
*Alumni Secretary*

# Classes

# Seniors

# Class of 1929

In the first week in April, the Seniors met in Chapel Hall and the Class of '29 was officially organized. The Class officers elected were: Virgil R. Simpson, President; Edward R. Cook, Vice-President; Donald J. MacFadyen, Secretary; and Roy Averill, Treasurer.

Plans were then formulated to make this one of the most successful classes in the history of the College. The various committees were appointed to take care of the many duties of the Class, and these committees started functioning promptly and smoothly.

Professor Walfred Lindstrom was chosen as Class advisor and enthusiastically entered into the spirit of the Class; his helpful suggestions have been largely instrumental for the successful carrying out of the Class program.

Tradition demands that every Senior Class leave behind a fitting memorial in remembrance of their Alma Mater. With this in mind the Class after due consideration decided to erect a drinking fountain on the Campus in front of the College Book Store.

Every Senior Class prides itself on its Class play and strives to make it better than the previous one; the Class of '29 being no exception. It secured the services of Charles E. Shank to direct the play. The play selected was "The Poor Nut," which has enjoyed a popular run in all the leading cities of the country and is sure to be the best ever produced by a Senior Class.

The Faculty Reception and Senior Dance will be held at the Potawatomie Inn, Pokagon State Park, on June 3rd.

Baccalaureate Services on June 2nd and the Graduating Exercises on June 6th will be held at one of the leading churches.

Un-official activities will take place before the Commencement Exercises, and dark deeds seem to be brewing.

Dire menaces are threatening the Seniors and likewise the Under-Classmen, and feelings between the Classes were running so high that it was mutually agreed between them to postpone all such playful activities until the week before commencement.

> The paint squad will try hard to fulfill its duty and many a sidewalk will carry the class numerals till time will erase them.
>
> The Class of '29 hopes that time will not fade the memories of its activities, and with many hearty wishes to those who are to follow, it will pass on.

VIRGIL R. SIMPSON
*President*

EDWARD R. COOK
*Vice-President*

PROF. WALFRED LINDSTROM
*Faculty Advisor*

ROY AVERILL
*Treasurer*

DONALD J. MACFADYEN
*Secretary*

# *Senior's Meditation*

Not long ago and still we remember
Those early days when we started
The long caravan on the great desert
Toward the pathless realm of life.
And down to sacred temple of our aim
We drank plenty of those bitter wines
To get even with the flying time
In our ambition in technical line.

Out of those many long tedious years
In our sincere ambition and desire
With faith to our superior being
To accomplish something more divine;
We passed many a sleepless night
In our constant struggle for light
To conquer all the hardships of life
Through the darkness on terrestrial wide.

Those were the long stormy days of youth
When we all strove for the truth
In every nook of this endless world
For the chances on land or on board.
We, like the magic wind on the ocean,
Navigated all the unknown distance,
With perpetual stream of endurance,
For life, grandeur and existence.

Way down to the course of past event
And up to infinite stars of heaven
We had solved the puzzling problems
Of science, within the sand of time.
We on the field had tackled the task
During those many days that had passed
For we hoped, honor would come at last
As nature's lasting endowment to us.

Those were all our earliest exploits
That had enriched us with true delight
Through the secret of mathematics
That we learned from old Tri-State.
Now and then we can differentiate
The obstacles to our endless flight
That will bring many wonders and pride
To the eternal chain of our lives.

These were all the Senior's reveries
Of the past days in our college years
That will last forever and ever
On the bosom of dear Alma Mater.
Now under the pleasant silvery moon
Let us wait for the spell of the dawn
To break the golden gate of nature
Where Wisdom always keeps the rule.

OWEN C. ABBOTT . . . . . *Belpre, Ohio*

B. S. in E. E.

Modulus Staff '29

*"A dreamer of things impossible with an irresistible enthusiasm which makes them possible."*

ROBERT N. ANDERSON . . . . *Chicago, Ill.*

B. S. in C. E.

ΒΦΣ

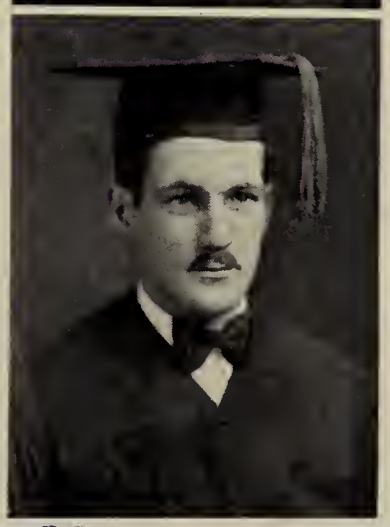
*"A great man is made up of qualities that meet or make great occasions."*

WILBUR ANDERSON . . . . . *Clinton, Ia.*

B. S. in C. E.

ΦΛΤ

*"Close to the sun in lonely lands*
*Ringed with the azure world he stands."*



CHARLES H. AUSTIN . . . *Painesville, Ohio*

B. S. in C. E.

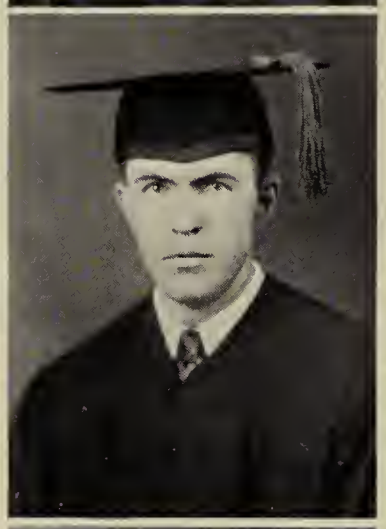
*"At graduation, his first goal attained, he has set for himself a still higher one, that of maintaining his place among men."*

ROY AVERILL.....*Dekalb, Ill.*

B. S. in M. E.

ΦΔK; Treasurer, Senior Class '29.

*"Go where he will, the wise man is at home*
*His hearth the earth,—his hall the azure dome."*



RICHARD W. BARRETT, *Mt. Vernon, N. Y.*

B. S. in C. E.

*"Knowledge with common sense is Wisdom."*

RALPH R. BERLING...*Portsmouth, Ohio*

B. S. in M. E.

*"Young men are fitter to invent than to judge, and fitter for new projects than for settled business."*

ROBERT BLUM.....*Galena, Ill.*

B. S. in Ch. E.

*"Of their own merits, modest men are dumb."*

EUGENE L. BOYCE . . . . . *St. Marys, Ohio*

B. S. in Ch. E.

ΒΦΣ

*"Happy am I, from care I'm free,*
*Why aren't they all contented like me?"*

MARTIN L. BRIGHT . . . . . *Ossian, Ind.*

B. S. in E. E.

ΦΣΧ; Editor Integral, Winter '29; Assistant Editor Integral, Fall '28; Modulus Staff '29.

*"To those who know thee not, no words can paint*
*And those who know thee, know all words are faint."*

W. BURNETT BROWN . . . *Strousburg, Pa.*

B. S. in C. E.

ΦΔΤ

*"True to his word, his works, his friends."*

DONALD BULLER . . . . . *Fairmount, Ind.*

B. S. in M. E.

*"I have learned in whatsoever state I am, therewith to be content."*

LAWRENCE D. BURDICK, *Jackson, Mich.*

B. S. in E. E.

ΛΦΕ; Integral Staff, Winter '29.

*"A wise man never loses anything if he has himself."*

STANLEY J. CAFOREK . . . . . *Utica, N. Y.*

B. S. in E. E.

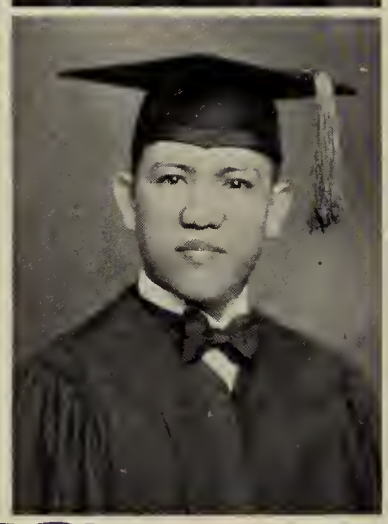
*"Thoughts are mightier than strength of hand."*

NOEL LEE CASE . . . . . *Fayette, Miss.*

B. S. in E. E.

ΦΣΧ

*"Life is not so short but that there is always time enough for courtesy."*



ABDON L. CENTENO . . . . . *Leyte, P. I.*

B. S. in C. E.

Filipino Club.

*"He came, he saw, he conquered."*

WAYNE F. COCHRAN . . . . *Cleveland, Ohio*
B. S. in C. E.

ΒΦΣ; Basketball '28-'29. Baseball '28

*"His only fault is that he has no fault."*

FREDERICK G. COFFIN, *Los Angeles, Calif.*
B. S. in C. E.

ΣΜΣ; Vice-President Engineering Society, Spring '29. Integral Staff, Spring '29; Chairman Banquet Committee '29; Modulus Staff '29.

*"A hand to do, a head to plan, a heart to feel and dare."*

CAYETANO J. COLMENAR . . . *Cavite, P. I.*
B. S. in C. E.

Integral Staff, Fall '28; Winter '29; Modulus Staff '29.

*"Ah, here it is! I'm famous now;*
*An author and a poet."*

BENJAMIN L. COOK, *New Philadelphia, O.*
B. S. in M. E.

ΦΣΧ; Business Manager Integral, Winter '29; Spring '29.

*"On cherubs and on cherubim*
*Full royally he rode;*
*And on the wings of all the winds*
*Came flying all aboard."*

EDWARD R. COOK, *Sarnia, Ontario, Can.*

B. S. in C. E. B. S. in M. E.

Corresponding Secretary, Engineering Society, Summer '27; Vice-President Senior Class, '29.

*"Not many in life you find*
*Whose deeds outrun their words so far,*
*That more than what they seem, they are."*

CARLOS COVARRUBIAS, *Mexico City, Mex.*

B. S. in C. E.

ΒΦΣ

*"So daring in love, and so dauntless in war,*
*Have ye e'er heard of gallant-like young Lochinvar?"*

ARTHUR W. DALRYMPLE
*New York, N. Y.*

B. S. in M. E.

Modulus Staff '29.

*"And the elements*
*So mix'd in him, that Nature might stand up*
*And say to all the world, This was a man!"*

LEO F. DISOTELLE.....*Malone, N. Y.*

B. S. in C. E.

ΒΦΣ

*"No legacy is so rich as honesty."*

A. Milton Ehret. . . . . *Newark, N. J.*

B. S. in E. E.

ΛΦΕ

*"Not being less but more than all the gentleness he seemed to be."*

Edward F. Ekberg. . . *Gloucester, Mass.*

B. S. in E. E.

ΛΦΕ

*"He that can have patience can have what he will."*

Julius D. Eros. . . . . *Wheeling, W. Va.*

B. S. in E. E.

ΦΛΤ

*"It is the nature of a great mind to be calm and undisturbed."*

Lloyd G. Felderman. . . . . *Clinton, Ia.*

B. S. in M. E.

ΛΦΕ

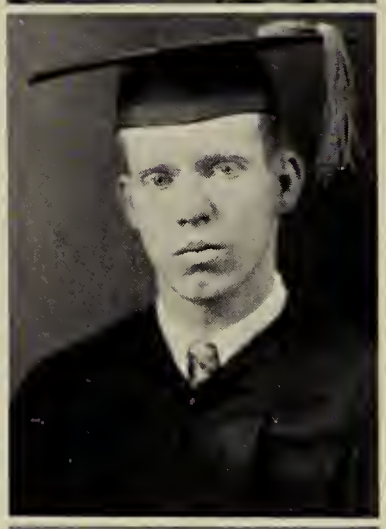
*"Good humor is the health of the soul."*

ROBERT P. FENNER. . . . *Falcomer, N. Y.*

B. S. in C. E.

ΦΛΤ

*"My purpose holds*
*To sail beyond the sunset, and the baths*
*Of all the western stars until I die."*



ROBERT L. FITZSIMMONS, *Buffalo, N. Y.*

B. S. in E. E.

ΒΦΣ

*"Custom hath made it in him a property of easiness."*

HENRY W. FOELSCH. . . . . *Chicago, Ill.*

B. S. in Ch. E.

ΦΔΚ; Baseball '28-'29.

*"A pleasing form, a firm yet cautious mind."*

RAYMOND C. FORTIER. . . *Jackson, Mich.*

B. S. in E. E.

ΒΦΣ; Modulus Staff '28; Banquet Committee '28.

*"He is at no end of his actions blest*
*Whose ends will make him greatest, and not best."*

LEO P. FRAM . . . . . *Waterbury, Conn.*

B. S. in E. E.

ΦΣΧ

*"Of manners gentle, of affections mild;*
*In wit full-grown, simplicity a child."*

RICHARD P. FRAME, *Michigan City, Ind.*

B. S. in C. E.

Corresponding Secretary Engineering Society, Summer '28.

*"Whence is thy learning? Hath thy toil*
*O'er books consumed the midnight oil?"*

ROBERT FRY . . . . . *Howe, Ind.*

B. S. in E. E.

*"Energy and persistence conquer all things."*

R. CRAWFORD GARBI . . . . . *Chicago, Ill.*

B. S. in C. E.

Baseball '28; Modulus Staff '29.

*"Zealous, yet modest; innocent, though free;*
*Patient of toil, serene amidst alarms;*
*Inflexible in faith, invincible in arms."*

GEE W. JANG.....*Canton, China*

B. S. in M. E.

*"Howe'er it be, it seems to me*
*'Tis only noble to be good."*

CHARLES J. GIFFORD, *Jamestown, N. Y.*

B. S. in C. E. B. S. in M. E.

ΦΔΚ

*"A Corinthian, a lad of mettle, a good boy."*

JAMES V. GILIBERTY, *Long Island, N. Y.*

B. S. in M. E.

ΣΜΣ; Modulus Staff '28; Business Manager Modulus '29.

*"A life on the ocean wave!*
*A home on the rolling deep*
*Where the scattered waters rave,*
*And the winds their revels keep."*

GEORGE M. GILL.....*Grand Bay, Ala.*

B. S. in M. E.

ΣΜΣ

*"He was wont to speak plain and to the purpose."*

DANIEL B. GULKO . . . . *San Pedro, Calif.*

B. S. in C. E.

President Engineering Society, Spring '29; Recording Secretary Engineering Society, Winter '29; Integral Staff, Fall '27.

*"Kept his friends throughout the years,*
*Sort of man you like to meet*
*Any time or any place."*

PAUL E. GWIN . . . . . *Hagerstown, Ind.*

B. S. in E. E.

*"All my being is attracted by the sight of the fair faces dyed with the hue of the rose."*

CLYDE E. HALLMARK . . . *Owensboro, Ky.*

B. S. in E. E.

*"Howe'er it be, it seems to me,*
*'Tis only noble to be good."*

ST. ELMO HART . . . . . *Honolulu, Hawaii*

B. S. in C. E.

ΣΜΣ, Vice-President Engineering Society, Fall '28; Sergeant-at-arms Engineering Society, Winter '27; Business Manager Modulus, Integral, '27-'28; Chairman Stunt Nite Committee, '27-'28; Chairman Engineers Banquet Committee '28.

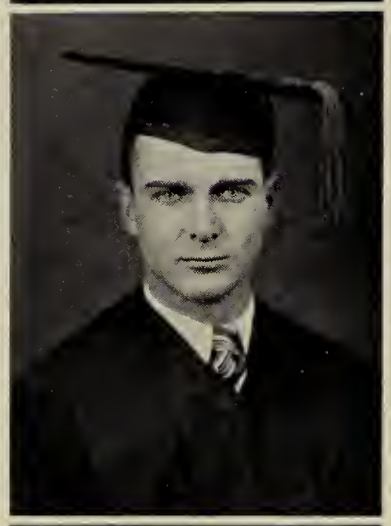
*"Whatever is worth doing at all is worth doing well."*

NORMAN HASTINGS...*Atchington, Kans.*

B. S. in C. E.

ΛΦΕ

*"An outward and visible sign of inward and spiritual grace."*



FRANK O. HAWLEY.....*Lincoln, Nebr.*

B. S. in M. E.

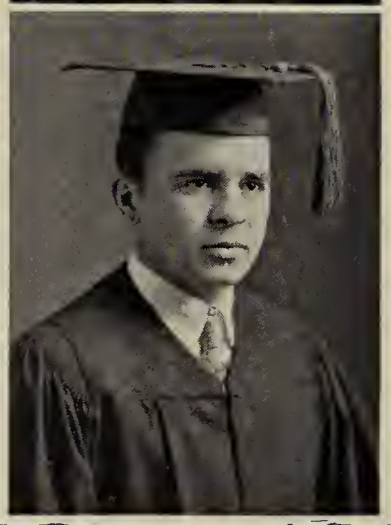
*"His air, his manners, all who saw admired*
*Courteous though coy, and gentle though retired."*

WILLIAM J. HEARD, JR.....*Norfolk, Va.*

B. S. in C. E.

ΣΜΣ; Integral Staff, Fall '27.

*"His cogitative faculties immersed*
*In cogibundity of cogitation."*



JOEL A. HIGHTOWER.....*Americus, Ga.*

B. S. in C. E.

ΒΦΣ; Modulus Staff '28.

*"And still the wonder grew*
*That one small head could carry all he knew."*

HENRY L. HOUGH . . . . *Fayetteville, N. C.*
B. S. in C. E.

ΦΔΤ; Assistant Manager Basketball Team '29; Baseball '28.

*"His time is forever, everywhere his place."*

KENNETH L. HUNTLEY . . *Norwich, N. Y.*
B. S. in E. E.

*"Void of hatred and greed*
*What but good does he do."*

HARRY A. JENSEN . . . . . *Leroy, Minn.*
B. S. in C. E.

ΣΜΣ; Integral Staff '25-'26

*"Being of a jovial turn*
*He turned a jovial being."*

CHARLES K. JOHNSON
*West Springfield, Mass.*
B. S. in E. E.

ΒΦΣ

*"Knowledge is more equivalent to force."*

CHARLES R. JOHNSON . . . . *Detroit, Mich.*

B. S. in E. E.

ΛΦΕ

*"He lives to build, not boast, a generous race."*

DOMICIANO R. KARGANILLA

*Bainoton, La Union, P. I.*

B. S. in E. E.

Filipino Club.

*"Few things are impossible to diligence and skill."*

B. AURANGABADKAR KESHAV

*Hyderbad-Deccan, India*

B. S. in E. E.

*"Though short my stature, yet my name extends*
*To heaven itself, and earth's remotest ends."*

CHESTER B. KEVITT . . . . . *Passaic, N. J.*

B. S. in Ch. E.

ΦΣΧ; Integral Staff, Winter '29; Editor Integral, Spring '29.

*"A happy soul, that all the way*
*To heaven has a summer's day."*

GLEN KIME.....*Montpelier, Ohio*

B. S. in E. E.

*"The world's great men have not commonly been great scholars, nor its great scholars great men."*

JOSEPH KIMPTON.....*Jackson, Mich.*

B. S. in C. E.

*"Silence is Wisdom, where speaking is Folly: and always safe."*

ROLAND W. KLOBEDANZ

*Waterbury, Conn.*

B. S. in C. E.

Corresponding Secretary Engineering Society, Winter '29.

*"He reads much*
*He is a great observer, and he looks quite through the deeds of men."*

ROBERT C. KNEPP.....*Lellistown, Pa.*

B. S. in E. E.

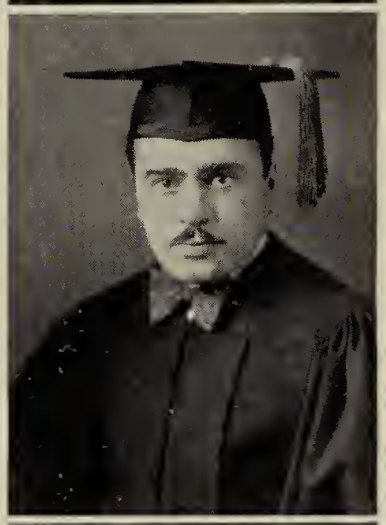
*"Honest labour bears a lovely face."*

RICHARD P. KOOS.....*Kenosha, Wis.*

B. S. in Ch. E.

ΦΑΤ; Integral Staff, Winter '29.

*"The world knows little of its greatest men."*



CHARLES KRASSOV.....*Winnipeg, Can.*

B. S. in C. E. B. S. in Ch. E.

Integral Staff '28; Modulus Staff '29.

*"So much one man can do*
*That does both act and know."*

WILLIAM M. LEHMKUHL, *New York, N. Y.*

B. S. in Ch. E.

Editor Integral, Fall '28.

*"He was a form of life and light*
*That, seen, became a part of sight."*

LLOYD LINTON.....*Modoc, Ind.*

B. S. in Ch. E.

*"But where he met the individual man,*
*He showed himself as kind as mortal can."*

STERLING LLEWELLYN . . . . *Ithaca, N. Y.*

B. S. in M. E.

Sergeant-at-arms Engineering Society, Fall '27.

*"The brave man carries out his fortune, and every man is the son of his own works."*

GONZALO LOPEZ

*Quezaltenango, Guatemala*

B. S. in E. E.

ΓΗΑ

*"Humble because of knowledge, mighty by sacrifice."*

LUNG CHUN LOUIS . . . . . *Canton, China*

B. S. in Ch. E.

*"Thy modesty's a candle to thy merit."*

DALE B. LYONS . . . . . *Cranesville, Pa.*

B. S. in E. E.

*"Tolerance and compassion are the supreme virtues."*

DONALD J. MACFADYEN
*Worcester, Mass.*
B. S. in C. E.

Business Manager Integral '28-'29; Modulus Staff '29; Stunt Night Committee '29; Secretary Senior Class '29.

*"Who nerveth his arm for life's combat and looks the strong world in the face."*

GRAHAM C. MACEACHIN
*Fort Worth, Texas*
B. S. in E. E.

*"For always roaming with a hungry heart*
*Much have I seen and known."*

MARTIN MALLARI
*Arayat, Pampanga, P. I.*
B. S. in C. E.

Filipino Club.

*"He'll laugh with you or at you and trouble slides off his back like water off the proverbial duck."*

JAMES C. MCGUIRE. . *Washington, D. C.*
B. S. in C. E.

ΦΔΤ

*"Nothing is there more friendly to a man than a friend in need."*

V. Frederick McIntyre
*Rochester, N. Y.*
B. S. in C. E.

*"By the work one knows the workman."*

Glenn W. McJunkin . . . . *Indiana, Pa.*
B. S. in C. E.

ΦΔΤ

*"He is the very pineapple of politeness."*

Archie McNally . . . . . *Chicago, Ill.*
B. S. in C. E.

ΒΦΣ; Corresponding Secretary, Engineering Society, Winter '28; Baseball '28-'29.

*"With malice towards none, with charity for all, With firmness in the right, as God gives us to see the right."*

J. Carter Merrill . . *St. Johnsburg, Vt.*
B. S. in M. E.

ΦΣΧ; Integral Staff, Winter '29.

*"Wherever we meet him; it will be a place made pleasant and memorial by his presence."*

ELMER D. MILLER . . . . . *Hicksville, Ohio*

B. S. in C. E.

ΦΣΧ

*"A safe companion, and an easy friend."*

THEODORE W. MILLER

*South English, Iowa*

B. S. in E. E.

ΦΛΤ; Integral Staff, Summer '27.

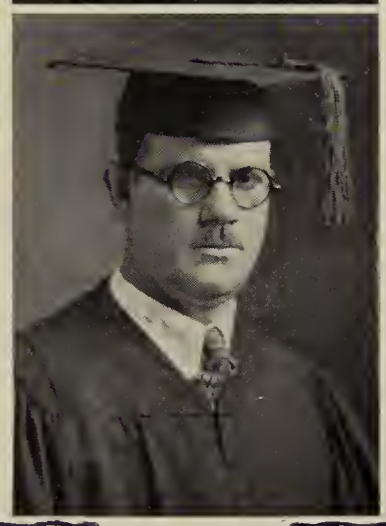
*"A good man possesses a kingdom."*

JOHN E. MINIHAN . . . . . *Detroit, Mich.*

B. S. in C. E.

ΛΦΕ

*"Let the singing singers*
*With vocal voices, most vociferous*
*In sweet vociferation out-vociferize*
*Even sound itself."*



JAMES J. MOHER . . . . . *Waterbury, Conn.*

B. S. in C. E.

ΦΣΧ; Recording Secretary Engineering Society, Fall '28.

*"To be a man of principle is the principa thing to be."*

CONRAD C. MOSENTINE. . *Superior, Wis.*

B. S. in E. E.

Integral Staff, Fall '28.

*"The reward of a thing well-done is to have done it."*

T. HAMMER MOSES. . . . . *Pamplin, Va.*

B. S. in C. E.

*"He is always the truest kind of friend and a gentleman to the finger tips."*

BYRL W. MUNGER. . . . . *Belvidere, Ill.*

B. S. in C. E.

*"Character is made up of small duties faithfully performed, of self-sacrifice, of kindly acts of love and duty."*

G. L. NEWMAN. . . . . *Corning, N. Y.*

B. S. in C. E.

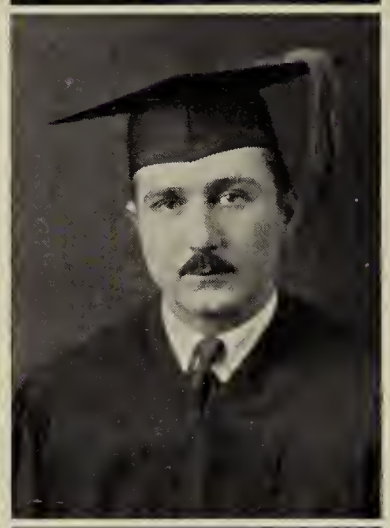
ΦΔΚ

*"He who takes Nature for his guide is not easily beaten out of his argument."*

REX OBERLIN . . . . . *Angola, Ind.*

B. S. in E. E.

*"Genteel in personage*
*Conduct, and equipage;*
*Noble by heritage*
*Generous and free."*



HENRY G. OTTE . . . . . *Cincinnati, Ohio*

B. S. in C. E.

ΦΔΚ; Baseball '28; Modulus Staff '29.

*"The highest glory born of conscious power*
*Is but for him who wields it reverently."*

CURTIS J. PETERSON . . . . . *Omaha, Nebr.*

B. S. in C. E.

ΦΔΤ

*"Him of the western dome, where weighty sense*
*Flows in fit words and heavenly eloquence."*

D. LYLE PHENICIE . . *Montgomery, Mich.*

B. S. in E. E.

*"Patience is a necessary ingredient of genius."*

EDWIN M. PICKENS. . . *Bentonville, Ark.*

B. S. in M. E.

ΛΦΕ

*"Born with a gift of laughter and a sense that the world is mad."*

WILLIAM S. PIPER. . . . . *Niles, Ohio*

B. S. in E. E.

*"A man he seems of cheerful yesterdays*
*And confident tomorrows."*

WILLARD R. POTTS. . . . . *Pittsburgh, Pa.*

B. S. in C. E.

Vice President Engineering Society, Spring '28; Chairman Executive Committee, Winter '29.

*"Epicurus laid down the doctrine that pleasure was the chief good."*

DALE F. POWERS. . . *Pleasant Lake, Ind.*

B. S. in C. E.

*"Strong in will*
*To strive, to seek, to find, and not to yield."*

HAROLD R. RAYNOR
*Greenport, L. I., N. Y.*
B. S. in E. E. B. S. in M. E.

*"He had talents equal to business, and aspired no higher."*

JOHN R. REDPATH . . . . . *Montreal, Can.*
B. S. in E. E.

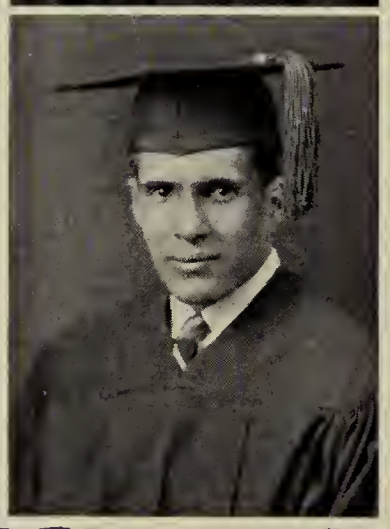
ΦΣΧ; Assistant Sergeant-at-arms, Engineering Society, Winter '28.

*"He who seeks to serve another best serves himself."*

OLIVER J. REES . . . . . *Cleveland, Ohio*
B. S. in E. E.

ΦΔΚ

*"The man who is vigilant over himself makes to himself an island that no flood can overwhelm."*



DANIEL M. REINA . . *Titacuraro, Mexico*
B. S. in E. E.

ΓΗΑ

*"He that has patience may compass anything."*

LAWRENCE RICKEY . . . *Wheeling, W. Va.*

B. S. in E. E.

ΦΛΚ; Baseball '28.

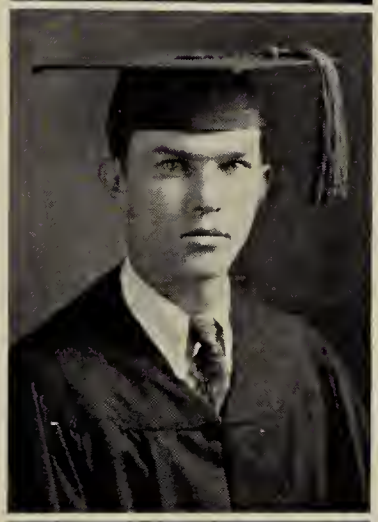
*"His is a kindly, serious disposition, with an altruistic viewpoint."*

LEON RIKER . . . . . *Spencer, N. Y.*

B. S. in Ch. E.

ΛΦΕ; Basketball '28-'29; Baseball '28.

*"I am not in the roll of common men."*



MAURICE P. RILEY . . . *New York, N. Y.*

B. S. in C. E.

ΛΦΕ; President Engineering Society, Fall '28; Chairman Executive Committee, Summer '28.

*"From the crown of his head to the sole of his foot, he is all mirth."*

ABRAHAM B. ROBLES

*Santa Marta, Colombia*

B. S. in E. E.

ΓΗΛ

*"Unthinking, idle, wild and young,*
*I laugh'd and dans'd and talked and sung.'*

ALBERT ROMAGOSA. . . . *Cienfuegos, Cuba*

B. S. in C. E.

ΓΗΑ

*"The kindest man,*
*The best condition and unwearied spirit*
*In doing courtesies."*

STANLEY RUCKER. . . . . *Hartford, Conn.*

B. S. in E. E.

ΛΦΕ

*"An agreeable companion on a journey is as good as a carriage."*

BRUNO G. SALES

*Bacarra, Ilocos Norte, P. I.*

B. S. in E. E.

Filipino Club.

*"You are a devil at everything and there is no kind of thing in the universal world but what you can turn your hand to."*

U. EDWARD SANDELIN, *Marquette, Mich.*

B. S. in E. E.

ΦΑΤ

*"His was not a forceful way*
*But he had a gentle smile*
*And a kindly word to say."*

OSCAR M. SANDVOLD . . . *Moorhead, Iowa*

B. S. in C. E.

ΒΦΣ

*"Still to be neat, still to be drest,*
*As you were going to a feast."*

LYLE SEWARD . . . . . *Michigan City, Ind.*

B. S. in E. E.

Basketball '28-'29.

*"Though war should rise against me,*
*Even then will I be confident."*

DAVID SHAVITCH . . . . . *Detroit, Mich.*

B. S. in E. E.

Editor-in-chief Modulus, '29; Assistant Editor Integral, Spring '28; Chairman Reception Committee, Engineering Society, Fall '28.

*"I will not be swayed by envy when my rival's strength is shown. I will not deny his merit, but I'll strive to prove my own."*

BEAU K. SHEET . . . . . *Canton, China*

B. S. in Ch. E.

*"My country is the world; my countrymen are mankind."*

VIRGIL R. SIMPSON . . *Schenectady, N. Y.*

B. S. in E. E.

ΦΔΚ; Modulus Staff '29; Modulus Staff '28; Banquet Committee, Winter '29; Stunt Night Committee, Fall '28; Integral Staff, Spring '28, Fall '28; President Senior Class '29.

*"His pencil was striking, resistless and grand,*
*His manners were gentle, complying and bland."*

WILLIAM SKINNER . . . . . *Pittsfield, Mass.*

B. S. in C. E.

ΣΜΣ

*"The reward of one duty is the power to fulfill another."*

STEFAN J. SLANINA . . . *Mt. Pleasant, Pa.*

B. S. in Ch. E.

*"O, may his name be numbered among the great."*

MICHAEL F. SPERITO . . *Providence, R. I.*

B. S. in Ch. E.

ΦΛΤ; Integral Staff, Fall '28; Baseball '28-'29.

*"His heart and hand both open and both free;*
*For what he has he gives, what thinks he shows."*

ANDREW T. STAHL....*New York, N. Y.*

B. S. in M. E.

Modulus Staff '29.

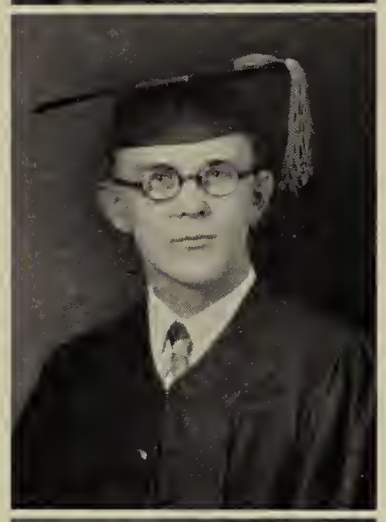
*"In the supremacy of self control consists one of the perfections of the ideal man."*

MINNERD W. STARK.....*Rockford, Ill.*

B. S. in E. E. B. S. in M. E.

Assistant Editor Modulus '29; Editor Integral, Spring '28; Assistant Editor Integral, Winter '28; Vice-President Engineering Society, Summer '28; Banquet Committee, Winter '29; Stunt Night Committee, Fall '28.

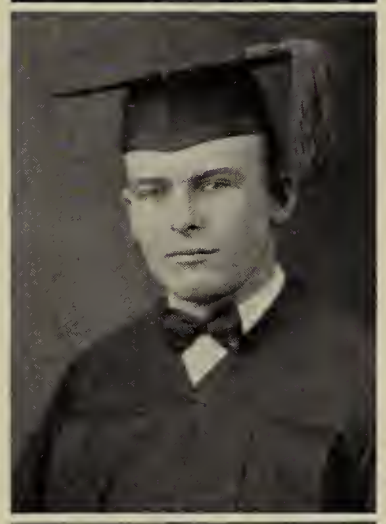
*"Who to himself is law no law doth need,*
*Offends no law, and is king indeed."*



ALBERT STEWART.....*Orland, Ind.*

B. S. in E. E.

*"I have not seen*
*As others saw—I could not bring*
*My passions from a common spring."*



ELLIS B. STOKES.....*Springfield, Ohio*

B. S. in C. E.

ΦΔΤ; Secretary Engineering Society, Spring '28; President Engineering Society, Fall '28; Banquet Committee, Winter '29; Modulus Staff '27.

*"Goodness does not consist in greatness, but greatness in goodness."*

EDWARD V. SUTTON, JR.
*Central Falls, R. I.*

B. S. in C. E.

ΒΦΣ; Baseball '28-'29.

*"Worth makes the man, and want of it the fellow."*

BERNARD SWENSON....*Starbuck, Minn.*

B. S. in C. E.

ΦΣΧ

*"To be a well-favored man is the gift of fortune."*

ROBERT C. TAFT.....*Greenville, Pa.*

B. S. in E. E.

ΒΦΣ

*"Wit and wisdom are born with a man."*

K. ROY TEUTSCH.....*Butler, Ind.*

B. S. in M. E.

*"Diligence is the mother of good fortune."*

LEWIS M. THOMPSON . . *Wilmington, Del.*
B. S. in E. E.

*"Studious of ease, and fond of humble things."*

Y. P. TOM . . . . . *Canton, China*
B. S. in Ch. E.

*"Infinite riches in a little room."*

CHARLES R. TRUMAN . . . . . *Butler, Pa.*
B. S. in E. E.

*"We grant, although he had much wit,*
*He was very shy in using it."*

JAMES E. TUCKER . . . . *Mt. Vernon, Vt.*
B. S. in Ch. E.

*"I am not only witty in myself but the cause that wit is in other men."*

HAROLD F. UMSTOTT
*Newcomerstown, Ohio*
B. S. in E. E.

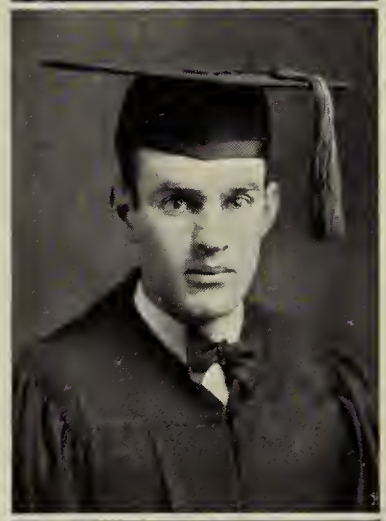
President Engineering Society, Winter '29; Integral Staff, Spring '28; Corresponding Secretary Engineering Society, Fall '28.

*"Yearning in desire*
*To follow knowledge, like a sinking star,*
*Beyond the utmost bound of human thought."*

JOHN T. UNDERWOOD.....*Harlan, Ky.*
B. S. in C. E.

Corresponding Secretary Engineering Society, Spring '29.

*"I, thus neglecting worldly ends, all dedicated*
*To closeness and the bettering of my mind."*



MELVIN W. VANCE.....*LaCrosse, Wis.*
B. S. in C. E.

*"Kind hearts are more than coronets,*
*And simple faith than Norman blood."*

HERBERT H. VANDERZEE, *Holmen, Wis.*
B. S. in M. E.

*"The heart to conceive, the understanding to direct, or the hand to execute."*

FRANK VENZARA.....*Chicago, Ill.*
B. S. in E. E.

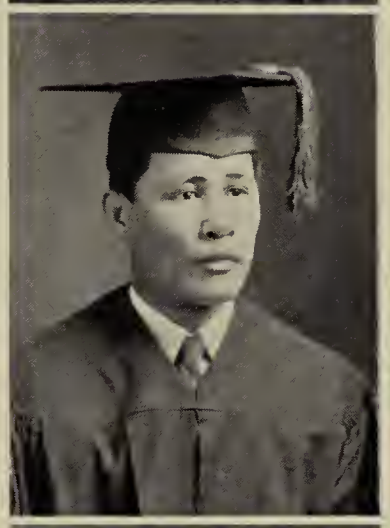
Modulus Staff '29; Integral Staff, Fall '28.

*"A little folly is desirable in him, that will not be guilty of stupidity."*

JUAN VILLAMIN.....*Laguna, P. I.*
B. S. in E. E.

Filipino Club.

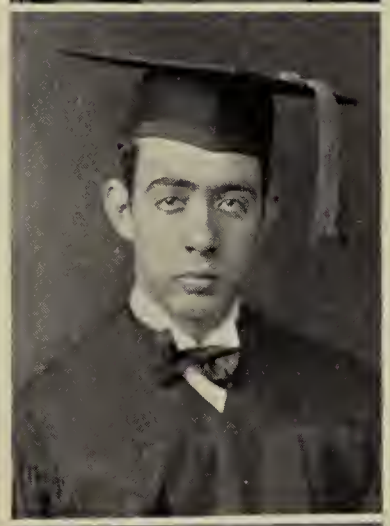
*"The noblest mind the best contentment has."*



COSME VILLASUSO.....*Havana, Cuba*
B. S. in E. E.

ΓΗΑ; Baseball '28.

*"Hang sorrow! Care will kill a cat*
*And therefore let's be merry."*



E. J. VOSBURG.....*Coldwater, Mich.*
B. S. in E. E.

*"I never thrust my nose into other men's porridge. It is no bread and butter of mine; every man for himself and God for us all."*

LAWRENCE E. WEEKS.....*Radford, Va.*

B. S. in C. E.

*"The feast of reason and the flow of soul."*

WILLIAM R. WENGOROVIUS

*New Haven, Conn.*

B. S. in E. E.

ΒΦΣ

*"The goodliest fellowship of famous knights*
*Whereof this world holds record."*

ROBERT WHALEY, *Harbor Springs, Mich.*

B. S. in E. E.

*"Reason is not measured by the size or height,*
*but by principle."*

WILLIAM B. WILCOX, *Lawrenceville, Pa.*

B. S. in C. E.

Baseball '28.

*"Rich in saving common sense,*
*And as the greatest only are,*
*In his simplicity sublime."*

HARRY P. WILDER . . . . . *Kent, N. Y.*

B. S. in E. E.

*"And I oft have heard defended*
*Little said is soonest mended."*

CHARLES H. WILFORD

*Cornwall Bridge, Conn.*

B. S. in C. E.

ΦΔΚ

*"Only the heart that is free from care can be truly happy."*

MAURICE WILLIAMS . . . . *Whitesville, Ky.*

B. S. in E. E.

*"A southern gentleman; a man of culture.*
*Need more be added?"*

G. VINCENT WILSON . . . . . *Ingersoll, Ont.*

B. S. in E. E.

ΣΜΣ; Chairman Executive Committee Engineering Society, Fall '28.

*"He possessed a peculiar talent of producing effect in whatever he said or did."*

CLEM H. WOLF . . . *Grand Rapids, Mich.*

B. S. in C. E.

ΒΦΣ

*"And gladly wolde he lerne, and gladly teche."*

NORMAN J. YERKES. . . *Greenville, Mich.*

B. S. in C. E.

Modulus Staff '28.

*"To him who in the love of nature holds*
*Communion with her visible forms."*

DONALD J. YEATS . . . . . *Tampa, Fla.*

B. S. in C. E.

ΦΣΧ

*"Free from all evil, happy with his wealth,*
*In joyous easy years of peace and health."*

HARRY ZIMMER. . . . . *Bimidji, Minn.*

B. S. in E. E.

*"Men of few words are the best men."*

# Under-Classmen

# *An Undergraduate's Reverie*

As I sit at my desk at midnight,
With my studies before me done,
The desk lamp gives a dreamy light
As I think of the things to be won.
Of dreams not only that are to be,
But things that have gone by,
Pleasant thoughts of college ways,
And school days that surely fly.

The memory of my first few months,
When the life I began was new,
Were ups and downs, trials and rounds,
And troubles that were not few.
But my heart was set, ambition made,
As I began the work with a vim,
And thru those days I carried on
The ambition that would not dim.

My second year class I remember,
As it passes within my mind,
A more peppy class of scholars
On our campus was hard to find.
Yet after all as I can recall
Those days that were so free,
Have added to this life of mine
That is making a man of me.

These present days slip swiftly by,
As I carry on with the work.
The ambition that started my college life,
It will not let me shirk.
The days go on but not like a song,
And I still must put up the fight,
For the goal selected when I began,
Is beginning to appear in sight.

Now every day that passes by,
Requires its daily task,
When added to the one before
It brings the dreams I ask.
And step by step I climb the way
That takes me to the top,
And e're I reach the goal I've set,
I dare not call a stop.

Happy the day it will be for me,
When I tower above the mass,
To fulfill my school ambition
And belong to the senior class.
But there's work to do, before I'm through,
That will take a lot of steam,
So I'll return to work again
And say good-bye to my dream.

—L. M. Thompson.

John W. Adams
*Hartford, Conn.*
Mechanical Engineering

V. B. Balido
*Panay, Capiz, P. I.*
Civil Engineering

George E. Allen
*Rochester, New York*
Electrical Engineering

Raymond A. Baltz
*Lancaster, Ohio*
Administrative Engineering

Albert Allwood
*Westfield, Mass.*
Electrical Engineering

Walter Barnwell
*Lansing, Mich.*
Electrical Engineering

Walter H. Austin
*Fort Kent, Me.*
Civil Engineering

Roger K. Bawling
*Algonquin, W. Va.*
Electrical Engineering

Bartolome L. Ave
*Pintuyan, Leyte, P. I.*
Electrical Engineering

O. W. Berglund
*Ely, Minn.*
Chemical Engineering

WALTER R. BISHOFF
*Altoona, Pa.*
Administrative Engineering

M. DALE BONAR
*Moundsville, W. Va.*
Administrative Engineering

ROBERT B. BONAR
*Michel, B. C., Can.*
Civil Engineering

WALTER BISHOP
*Milford Center, Ohio*
Chemical Engineering

J. ALLEN BROOKES
*Powhatan Pt., Ohio*
Civil Engineering

LINSLY G. BROWN
*Jamestown, N. Y.*
Mechanical Engineering

ORLAN R. BROWN
*Niagara Falls, N. Y.*
Electrical Engineering

LEO BURDOCK
*Detroit, Mich.*
Mechanical Engineering

PAUL F. BURGETT
*Independence, Kans.*
Civil Engineering

ROSS B. BUTLER
*Waterloo, N. Y.*
Mechanical Engineering

John K. Carrabina, Jr.
*Merchantville, N. J.*
Civil Engineering

Hal C. Conners
*Minneapolis, Minn.*
Administrative
Engineering

Merton F. Clark
*Starke, Fla.*
Mechanical Engineering

Virgil Cook
*Muncie, Ind.*
Electrical Engineering

Ramond G. Clark
*Northampton, Mass.*
Mechanical Engineering

Wesley K. Cook
*Rogers City, Mich.*
Mechanical Engineering

Fred E. Clayton
*Lakeland, Fla.*
Civil Engineering

Walter Davic
*Beadling, Pa.*
Electrical Engineering

Wayne Coles
*Columbus, Ind.*
Electrical Engineering

Carlton Davidson
*Ironton, Ohio*
Mechanical Engineering

David G. Davis
*Farrell, Pa.*
Mechanical Engineering

Gordon B. Door
*Angola, Ind.*
Electrical Engineering

George J. Dawe
*Lima, Ohio*
Electrical Engineering
Chemical Engineering

Edgar A. Doyle
*Rome, N. Y.*
Civil Engineering

Chas. Wm. Deichmann
*Forestville, Conn.*
Civil Engineering

William R. Eberle
*Quaker City, Ohio*
Electrical Engineering

J. White Dillard
*Lakeland, Fla.*
Mechanical Engineering

Edward A. Elinsky
*Kingston, Pa.*
Chemical Enginnering

Louis W. Doberstein
*Flint, Mich.*
Mechanical Engineering

Edric E. Ellies
*Washington, C. H., Ohio*
Mechanical Engineering

Peter J. Equi
*Holyoke, Mass.*
Mechanical Engineering

Clarence C. Fryer
*Butler, Ky.*
Civil Engineering

Erick B. Erickson
*Briarcliff Manor, N. Y.*
Civil Engineering

Burton R. Gaffner
*Warren, Pa.*
Electrical Engineering

Durward H. Evans
*Radnor, Ohio*
Electrical Engineering

N. Irwin Ghrist
*Tarenton, Pa.*
Mechanical Engineering

Ralph W. Ficker
*Rochester, N. Y.*
Electrical Engineering

Edward C. Gammeter
*Akron, Ohio*
Administrative Engineering

Harold P. Finkler
*Augusta, Kans.*
Mechanical Engineering

William A. Gleason
*Berwick, La.*
Civil Engineering

JOHN S. GONAS
*Olyphant, Pa.*
Civil Engineering

MAX O. GRIFFITH
*Gore Bay, Ontario, Can.*
Civil Engineering

EDMOND F. GOSSELIN
*Midway, Pa.*
Electrical Engineering

CARL HALL
*Clay, W. Va.*
Electrical Engineering

DON V. GRAY
*Cleveland, Ohio*
Civil Engineering

THED. M. HAMILTON
*Aux Vasse, Mo.*
Mechanical Engineering

SAM K. GREENWOOD
*Franklin, N. C.*
Civil Engineering

BURTON HANDY, JR.
*Angola, Ind.*
Chemical Engineering

ALVIN D. GRIFFITH
*Jamestown, N. Y.*
Electrical Engineering

IRVING E. HARDY
*New York City, N. Y.*
Electrical Engineering

DAN HARING
*Mansfield, Ohio*
Mechanical Engineering

JOHN J. HELLRUNG
*Alton, Ill.*
Civil Engineering

STEPHEN F. HART
*Boston, Mass.*
Mechanical Engineering

MARVIN HOBBS
*Birds Eye, Ind.*
Electrical Engineering

CECIL O. HAUBER
*Johnson City, N. Y.*
Civil Engineering

ISADORE HOLLANDER
*New London, Conn.*
Mechanical Engineering

CARROL HEATH
*Frankfort, Ind.*
Mechanical Engineering

F. NOEL HOPPER
*Niagara Falls, N. Y.*
Chemical Engineering

BASIL F. HELLER
*Greenville, Ohio*
Civil Engineering

ROBERT S. HOYT
*Washington, Pa.*
Electrical Engineering

Jos. Ipnar
*New Kensington, Pa.*
Mechanical Engineering

F. Earl Lampman
*Angola, Ind.*
Electrical Engineering

Fred E. Jacobs
*Wilkes-Barre, Pa.*
Electrical Engineering

Harry W. Landgren
*Great Falls, Mont.*
Chemical Engineering

A. H. Johnson
*Elmira, N. Y.*
Civil Engineering

L. H. Lepro
*Midway, Pa.*
Electrical Engineering

Ted Kennelly
*Wichita Falls, Tex.*
Mechanical Engineering

Earl G. Loeser
*Detroit, Mich.*
Mechanical Engineering

Julius L. Kozma
*Youngstown, Ohio*
Mechanical Engineering

James R. Loving
*New York, N. Y.*
Electrical Engineering

Glenn Z. Lyman
*Chadron, Nebr.*
Electrical Engineering

Ward B. McCardel
*Indiana, Pa.*
Administrative Engineering

LeRoy C. Lynn
*Des Moines, Iowa*
Electrical Engineering

Alton McClung
*Detroit, Mich.*
Electrical Engineering

Louis Machiorleti
*West New York, N. J.*
Electrical Engineering

Henry K. McIntyre
*Fryeburg, Me.*
Civil Engineering

John H. Magill
*Newark, Ohio*
Electrical Engineering

Lee McLaughlin
*Kane, Pa.*
Mechanical Engineering

Howard G. Martindale
*Warren, Pa.*
Electrical Engineering

W. F. McMillian
*Campobello, S. C.*
Electrical Engineering

Jas. J. Merva
*Olyphant, Pa.*
Electrical Engineering

Frank Moore
*Lacombe, Alta., Can.*
Electrical Engineering

John A. Michael
*Eaton, Ohio*
Chemical Engineering

Joseph K. Moyer
*Albion, Pa.*
Electrical Engineering

Russell T. Mills
*Wales, Ontario, Can.*
Chemical Engineering

Byrl W. Munger
*Belvidere, Ill.*
Civil Engineering

Frank M. Mitchell
*Burks Falls, Ontario, Can.*
Electrical Engineering

Louis N. Murphy
*Bangor, Me.*
Electrical Engineering

Mark L. Monette
*Chatfield, Minn.*
Mechanical Engineering

Jacob K. Nicely
*Indiana, Pa.*
Administrative Engineering

ROBERT T. NELSON
*Olean, N. Y.*
Electrical Engineering

ROLAND L. OSBURN
*Augusta, Kans.*
Chemical Engineering

ARNOLD C. NEWMAN
*Albion, Pa.*
Mechanical Engineering

EUGENE A. PAQUETTE
*Willimansett, Mass.*
Mechanical Engineering

GEORGE D. NICHOLS
*Jeffersonville, Ind.*
Mechanical Engineering

WILFRED A. PARK
*Norwich, Conn.*
Civil Engineering

T. G. NYE
*Syracuse, N. Y.*
Electrical Engineering

AUGUST A. PERA
*Telluride, Colo.*
Mechanical Engineering

ANDREW E. OLSON
*Dunbar, Wis.*
Electrical Engineering

CLARENCE H. PERRY
*Chicago, Ill.*
Civil Engineering

MARION J. PIFER
*Rawson, Ohio*
Electrical Engineering

WILLIAM A. RANTA
*Telluride, Colo.*
Civil Engineering

RUSSELL A. PFEIFER
*Galion, Ohio*
Mechanical Engineering

L. E. RANKIN
*Pennsboro, W. Va.*
Civil Engineering

WM. J. POWELL
*Wilkes-Barre, Pa.*
Civil Engineering

JOHN L. REID
*Alexandria, Va.*
Civil Engineering

ERNEST F. QUINTANS
*Wauchula, Fla.*
Mechanical Engineering

RAY M. RENCH
*Peoria, Ill.*
Mechanical Engineering

J. GLENN RADCLIFFE
*Kona, Ky.*
Civil Engineering

ROBERT M. RENICK
*Albion, Pa.*
Administrative
Engineering

ROY REPPARD
*Smithfield, W. Va.*
Administrative
Engineering

ALCARDO V. RUBEI
*New York City, N. Y.*
Electrical Engineering



LESLIE RINGELSPAUGH
*Dayton, Ohio*
Administrative
Engineering

ISAAC L. SANTOS
*Marikina, Rizal, P. I.*
Chemical Engineering



FLOYD W. ROBINSON
*Perry, N. Y.*
Mechanical Engineering

DONALD F. SARBER
*Lima, Ohio*
Chemical Engineering



JOHN H. ROBINSON
*North East, Pa.*
Civil Engineering

KENNETH W. SCHADT
*Goshen, Ind.*
Chemical Engineering



GEORGE A. ROMANO
*East Greenwich, R. I.*
Civil Engineering

CLIFFORD J. SCHOENFIELD
*Elyria, Ohio*
Electrical Engineering

Russell L. Schott
*Massillon, Ohio*
Electrical Engineering

Charles F. Shelley
*Lima, Ohio*
Mechanical Engineering

Cerell B. Schram
*Bolivar, N. Y.*
Civil Engineering

James M. Sherrilla
*New York City, N. Y.*
Electrical Engineering

Vernon Schwartz
*Niles, Ohio*
Mechanical Engineering

John F. Shuler
*Wilcox, Pa.*
Civil Engineering

John R. Sellers
*Freeport, Pa.*
Electrical Engineering

Harold E. Siener
*Niagara Falls, N. Y.*
Civil Engineering

Sidney Shackleton
*Auburn, N. Y.*
Chemical Engineering

George Signarovitz
*Allentown, Pa.*
Mechanical Engineering

Edward A. Smith
*Saline, Mich.*
Civil Engineering

Robert T. Snyder
*Dayton, Ohio*
Civil Engineering

J. Byron Smith
*Columbus, Wis.*
Mechanical Engineering

W. Sparkes
*St. Johns, Newfoundland*
Mechanical Engineering

DeWitt Smith
*Rochester, N. Y.*
Civil Engineering

Floyd L. Sparling
*Logansport, Ind.*
Civil Engineering

Robert B. Smith
*Evanston, Ill.*
Chemical Engineering

Frederick I. Steele
*Quaker City, Ohio*
Chemical Engineering

Arthur H. Snyder
*Akron, Ohio*
Civil Engineering

Sam L. Stephens
*Martinsburg, Mo.*
Electrical Engineering

George F. Stewart
*Torrington, Conn.*
Civil Engineering

Harry J. Swentek
*Milwaukee, Wis.*
Civil Engineering

Fred N. Stiles
*Oxford, Mich.*
Electrical Engineering

Edgar O. Tamm
*Hartford, Conn.*
Mechanical Engineering

Frederick Storms
*Syracuse, N. Y.*
Civil Engineering

James Tarbell
*Jackson, Michigan*
Electrical Engineering

Daniel H. Stouffer
*Oakwood, Ohio*
Civil Engineering

Howard F. Todd
*New York City, N. Y.*
Civil Engineering

Theodore Streeter
*Ellwood City, Pa.*
Chemical Engineering

Anthony J. Triano
*Plainfield, N. J.*
Civil Engineering

Nicholas U'Halie
*Farrell, Pa.*
Electrical Engineering

Milford V. Viard
*Albion, Pa.*
Civil Engineering

Kermit R. Underwood
*Georgetown, Ill.*
Civil Engineering

Milton Viard
*Albion, Pa.*
Civil Engineering

Guillermo Uribe
*Medellin, Colombia, S. A.*
Civil Engineering

Russell B. Wadleigh
*Shawingan Falls, Can.*
Electrical Engineering

Joseph Urso
*West Orange, N. J.*
Civil Engineering

Henry C. Wadsworth
*Randolph, N. Y.*
Administrative
Engineering

A. T. Vakili
*Teheran, Persia*
Electrical Engineering

Merle D. Wahlgren
*Jamestown, N. Y.*
Civil Engineering

HAROLD WALKER
*Indiana, Pa.*
Chemical Engineering

JOHN J. WERNER
*Patterson, N. J.*
Civil Engineering

WILLIAM R. WALSTON
*Scotland Neck, N. C.*
Mechanical Engineering

F. EARL WILCOX
*Indianapolis, Ind.*
Mechanical Engineering

RICHARD WATSON
*Gloversville, N. Y.*
Mechanical Engineering

JORGE ZAMBRANO
*Monterrey, N. L., Mexico*
Civil Engineering

NICHOLAS WEBER
*Louisville, Ky.*
Electrical Engineering

ALVIN T. ZENT
*Huntington, Ind.*
Mechanical Engineering

CLARENCE W. WELLS
*Jamestown, N. Y.*
Mechanical Engineering

JOSEPH ZISK
*Springfield, Mass.*
Civil Engineering

School of Commerce

# Seniors

# *Senior Inspirations*

When we come at last to graduation,
And we look o'er the days that are gone:
Our thoughts turn back o'er our studious ways,
And the joys that we have known.

Do you know what the end that is drawing nigh
Can mean to each anxious heart,
As we bid our friends a last good-bye
And from each other part.

Well, it may be the end of college life,
But not one of friendship true;
For our memories grow sweeter as we go along
To the end of life's journey through.

We're going out to accomplish the best
In the things that are most worth while,
And we'll make the most of the good in our way;
We must, it's our only style.

In the future years when we return
To our college, here on the hill,
May our Dean and Teachers truthfully say,
It's the class of '29, who turns the mill.

Thus Tri-State has knit memories dear
With hopes that we entertain,
And we'll find at the evening of life's long way,
They have sweetened every pain.

—R. Williams.

EARL BLANCHARD . . . . . *Lewiston, Minn.*

B. S. in Business Administration

Commerce Club.

*"Earl has a foresight which reaches far,*
*No wonder he has an Auburn car."*

LENORE CORNELL . . . . . *Montpelier, Ohio*

Secretarial Course

Commerce Club; N. K. Society.

*"And here's Lenore with all her pals,*
*Most of them men, but some of them gals."*

SARA LOU DELANO . . . . . *Angola, Ind.*

Secretarial Course

Commerce Club.

*"She's pretty to walk with,*
*Witty to talk with*
*And pleasant to think upon."*

RUTH DUNLAP . . . . . *Edgerton, Ohio*

Secretarial Course

Commerce Club; N. K. Society.

*"Rufus always up and ready for fun,*
*Listen, kids, she comes from Edgerton."*

LOUISE GABRIEL . . . . . *Montpelier, Ohio*

Secretarial Course

Commerce Club; N. K. Society

*"Here's Louise Gabriel, our efficient secretary,*
*With flushed cheeks when she gets contrary."*

JEANETTE GREEN . . . . . *Angola, Ind.*

Secretarial Course

Commerce Club; N. K. Society

*"More comes to her that labors*
*Than to one who sits and waits."*

VIRGINIA HENDRY . . . . . *Angola, Ind.*

Secretarial Course

Commerce Club

*"A girl to brighten up the way,*
*Not too solemn and not too gay."*

RALPH HUGHES . . . . . *Donora, Pa.*

B. S. in Business Administration

Commerce Club

*"All the great men are dead and I am not feeling well myself."*

HOWARD LAIRD . . . . . *Greenville, Pa.*

B. S. in Accounting

Commerce Club

*"To be a business man of life,*
*Is Laird's steadfast lingering strife."*

FRANK E. PETHYBRIDGE
*Niagara Falls, N. Y.*

B. S. in Secretarial Science

President Commerce Club, '28-'29
Commerce Division Editor Integral, Fall '28

*"Here is the logical man of the class*
*Whose argumentation is hard to surpass."*

FOSTER ROOT . . . . . *Jamestown, N. Y.*

B. S. in Business Administration

Commerce Club

*"Wisdom and good looks are seldom combined*
*But if you know this chap, you'll find,*
*That both qualities are true of Foster Root*
*Who has wisdom and good looks to boot."*

MAXINE STAFFORD . . . . . *Angola, Ind.*

Secretarial Course

Secretary Commerce Club, Spring '29

*"Maxine, our well-known girl,*
*Likes dances and parties all in a whirl."*

LLOYD N. WAY.....*Howell, Mich.*

B. S. in Business Administration

Commerce Club

*"Lloyd is a worker and we must say,*
*That where there is a will there is a 'Way.'"*

RUTH WILLIAMS.....*Huntington, Ind.*

Secretarial Course

Vice-President Commerce Club, Winter '28
Associate Editor Integral, Fall '28
Commercial Editor Integral, Winter '29
N. K. Society '29

*"This blonde hails from the country-side,*
*Affected by neither the tide nor the untied."*

VIVIAN WOODS.....*Angola, Ind.*

Secretarial Course

Commerce Club '29

*"But what of Vivian we'll have to say*
*Has made many friends who are made to*
*stay."*

School of Commerce

# Under-Classmen

CLINTON ABRAMS
*Detroit, Mich.*
Accounting

L. C. CHANG
*Angola, Ind.*
Accounting

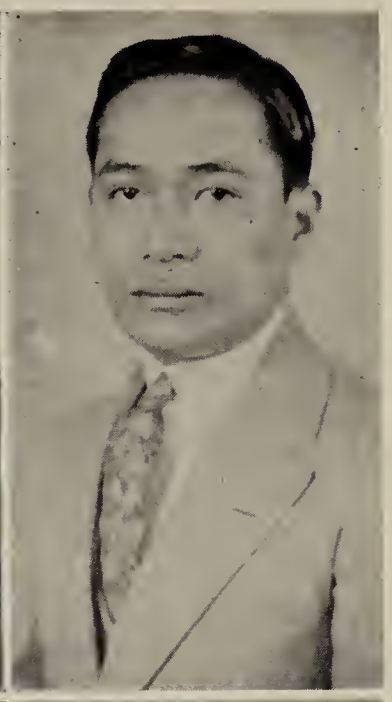
RAYMOND A. BALTZ
*Lancaster, O.*
Business Administration

FRED C. DAVISSON
*Clarksburg, Va.*
Accounting

WALTER R. BISHOFF
*Altoona, Pa.*
Accounting

GLENN HANNAFORD
*Berlin, N. H.*
Commercial Special

MAYNARD HARTER
*Angola, Ind.*
Business Administration



BASILIO PAGURAYAN
*Manila, P. I.*
Accounting

ARTHUR J. KELLY
*Indianapolis, Ind.*
Business Administration

B. G. WARFORD
*Wagersville, Ky.*
Accounting

JACOB K. NICEL
*Indiana, Pa.*
Accounting

FREDERICK WARREN
*Canandaigua, N. Y.*
Accounting

# Organizations

# Fraternities

# *Inter-Fraternity Council*

TO PROMOTE a more harmonious spirit between the school and fraternities, the inter-fraternity council came into being the year of 1927. Its main function was to act as an arbitrator in disputes in which the school and fraternities had become involved.

It was not often called upon to perform this duty, although the competitive spirit was very strong between the fraternities, a reconciliation in most cases was easily effected.

The inter-fraternity council also has charge of arranging the schedules of the inter-fraternity games and to pass upon the eligibility of players concerned in these games.

The most pleasant of its activities is the annual awarding of the championship cup in basketball, which in the past year was won by the Phi Sigma Chi Fraternity. This cup becomes the permanent possession of the winner after three consecutive victorious years.

Two members of each fraternity are appointed to sit in this council and from their midst the president and secretary-treasurer are elected. Theodore Miller, Phi Lambda Tau, was president the past term and David Evzerow, Phi Sigma Chi, was secretary-treasurer.

Weekly meetings are held and it speaks well for the fraternities as a whole that at most meetings, a full attendance was achieved. The council was also active in sponsoring and chaperoning dances and week-end parties held at the various fraternity houses. Great plans are now being made for promoting more fraternal spirit and activities; and several new fraternities of national chapters expect to make their appearance on the Tri-State College Campus in the coming year.

C. R. Johnson

C. Villasuso

T. W. Miller

R. P. Roos

# INTER-FRATERNITY COUNCIL

'28-'29

Chas. Kerrison

C. H. Perry

D. C. Yeaks

D. Evzerow

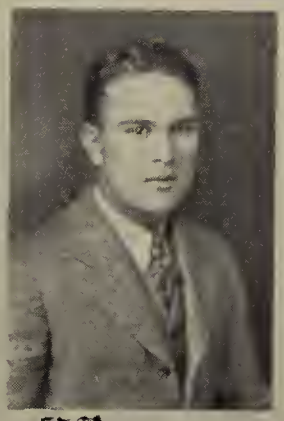
A. McNally

E. Brown

K. Jensen

Bart L. Ave

A. T. Centino



F. Naverez

S. Hart

Beta Rose, the sweetest flower that grows.
Here's to our colors black and gold,
That flutter to the breeze so bold.
Beta boys, stand up and make some noise.
Here's to our fraternity, BETA PHI SIGMA.
We're Beta boys.

# Φ

# Β Σ

# *Beta Phi Sigma*

The Beta Phi Sigma Fraternity was organized September 9th, 1899 at Muncie, Indiana, by seven men. From this small number it has grown to a membership of over 12,000 men. The organization is a Greek letter fraternal and secret society, and is non-academic. Admittance to the order is gained upon invitation only; it is founded upon the Christian Faith and teaches lessons derived from that source. It has chapters in every large city from Florida to Washington, and from Pennsylvania to California. During the war this organization had 87 per cent of its members in the service. In the fraternal archives are recorded the meetings held in France, in rest billets and other places. It claims to be the only American fraternity of its nature to actually have taken its ritual overseas.

The organization in Angola, known as the Tri-Alpha Chapter of Beta Phi Sigma Fraternity, was organized June 7, 1922 and since that date has grown and developed into the large and powerful organization that it is now.

In February 1927 the Tri-Alpha Chapter moved into their new home, known as the Beta House, which they own.

The "Beta House" is the largest fraternity house in Angola. Living rooms, reception room and a large dining room capable of seating seventy people comprise the main floor. This dining room is used three times a day by the active members, who all take their meals at the house. The second floor is devoted to study rooms, well lighted, heated and ventilated, so they are ideal places to work. On the third floor is a well ventilated dormitory where each member has a comfortable bed.

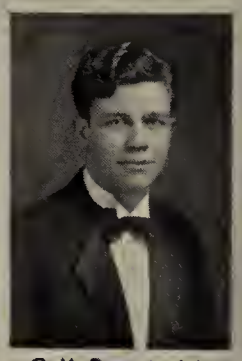
A house party is given once every month and the coming social event of the year is the Spring Frolic, held at the end of the spring term.

Beta athletic teams have brought three beautiful trophys to the trophy room of the "House" in the past year. These trophys represent the championship in basketball 1928, championship in baseball 1928, and the championship in football in 1928. From this record it is safe to say that Beta Phi Sigma Fraternity leads all other fraternities at Tri-State in Sports.

The admirable records in both scholarship and athletics are largely due to the famous "Beta spirit". It is this spirit which always has and always shall make the Beta name one to be admired and respected.

## *Present Active Members of Tri-Alpha Chapter Beta Phi Sigma*

J. Adams
R. N. Anderson
G. Allen
G. Brisco
E. Boyce
J. Basarab
L. Buck
W. Cochran
C. Covarrubias
L. Disotelle
J. W. Dillard
R. Fortier
D. Grodrian
I. Hardy
H. Hawkinson
C. K. Johnson
A. F. Johnson
E. L. Jacobson
P. E. Kissaberth
A. McNally
A. D. Riley
L. Rigelspaugh
O. M. Sandvold
E. V. Sutton
J. J. Scanlon
H. B. Sornborger
O. B. Smith
R. Snyder
M. Schust
C. Strole
C. V. Tutle
R. C. Taft
H. E.Todd
J. J. Werner
W. Wengorobious
H. P. Weaver
C. H. Wolf


O.M. Sandvold.

G.N. Brisco.

C.V. Tuttle.

R.N. Anderson.

R.C. Taft.

J.W. Adams.

H.F. Todd.

E.L. Jacobson.

E.I. Hardy.

W.K. Wengorovius III

C.K. Johnson.

J.J. Werner.

J. Basarab Jr.

E.L. Boyce.

C.H. Wolf.

A. McNally.

W.F. Cochran

G.E. Allen

C. Covarrubias

E.V. Sutton Jr

R.C. Fortier

C.G. Strole

L.F. Disotelle

W.L. Buck

D.H. Grodrian

R.T. Snyder

A.F. Johnson

P.E. Kissaberth

J.J. Scanlon

H.B. Sornborger

J.W. Dillard

H.F. Hawkinson

A.D. Riley

L.H. Ringelspaugh

O.B. Smith

We brought our own Fraternity
Up across the Southern sea
We love it and we cherish it
And true to it we'll always be.

GAMMA ETA ALPHA is its name
And world wide is its fame
May its fair name always be bright
Like the flame of a friendly fire in the night.

# H

# Γ A

# Gamma Eta Alpha

GAMMA ETA ALPHA originated in South America by permission of the Gamma Eta Alpha of South America. A chapter was organized in Angola, Indiana, on December 25, 1927. The object of this chapter was to promote a more perfect spirit of fellowship among the Spanish-American students of Tri-State College, a better understanding and closer friendship with every student of old Tri-State, to maintain a good college standing, to sponsor athletics, to encourage a true ideal of manhood and provide for social activities.

There were eleven Spanish-American students in Tri-State, all members of the former Spanish-American Club, when this chapter was founded. All of them worked with the greatest interest for the success of this chapter and to them is due the development the Gammas have reached. Today they have eighteen active members, five honorary members and have bought a very comfortable house at 500 South Wayne Street and the State of Indiana granted articles of incorporation under the name of Gamma Eta Alpha, on March 8, 1929.

Gamma Eta Alpha is represented in the Inter-Fraternity Council of Tri-State College and takes an active part in all Inter-Fraternity affairs. They have a very promising baseball squad in the field and from all indications will furnish some very stiff competition to the other fraternities of Tri-State for the fraternity championship.

Efforts are being made to form a soccer team. Enthusiasm is high among the Gammas. If they can find some opposition another sport will be added to their list.

Plans are already made to organize chapters of Gamma Eta Alpha at Purdue University and at Valparaiso University.

There are a goodly number of new Spanish-American students who are waiting to finish their first two terms in Tri-State in order to pledge at the Gamma Eta Alpha.

*Active Members*

Frank Basuino, Francisco Bengochea, Luis Diaz, Ernesto Fletes, Gonzalo Lopez, Izidro Marrero, Salvador Martinez, Ivan Megwinoff, Francisco Nevarez, Hernando Perez, Daniel Reina, Julio Rexach, Jose Reyes, Abraham Robles, Alberto Romagosa, Guillermo Uribe, Cosme Villasuso.

*Honorary Members*

Bernal Craig, John Minihan, Masen Conway, Alf Hoffberg, James Shearer.

ΓΗΑ
F.T.Nevares
C. Lopez
C.Villasuso
G Uribe
L.J.Diaz
A.Romagosa
A.Robles
19
29
E. Fletes
H. Perez
WINTER
F.J.Bengochea
D. Reina
J.W. Reyes
I Megwinoff
S.Martinez
J.Rexach
I. Marrero Jr.

"We'll fight, fight, fight for our fraternity,
With all our might to win a victory;
Here's to our colors true, salute the gold and blue,
We cherish them with love and loyalty.
Then, loudly we laud thy name, and
Proudly thy praise proclaim,
Ring out strong with this cry,
We stand for LAMBDA PHI."

# Φ

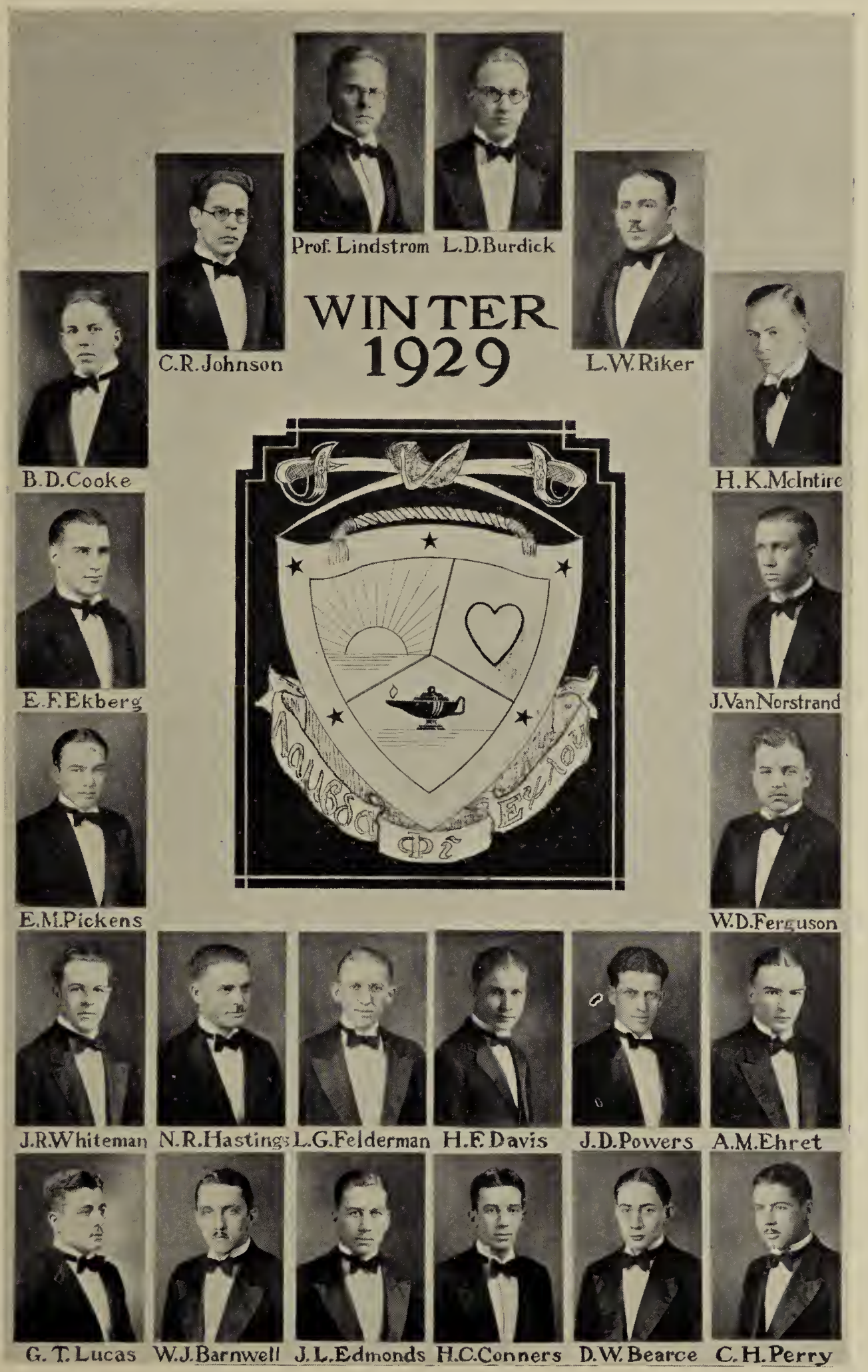
# Λ Ε

# *Lambda Phi Epsilon*

SEVEN years ago a group of Tri-State students banded themselves together in an organization which they called the "Four-Eleven Gang". Their purpose in so organizing was to promote good fellowship and dispel the lonesomeness which new students find so hard to combat.. Their association was so successful socially and so beneficial scolastically that they decided to expand, so that other students at Tri-State might enjoy the same advantages. It was finally decided to incorporate as a strictly collegiate Greek-letter fraternity which they did during the Fall term of 1923.

Lambda Phi Epsilon grew and prospered. However, in spite of the fact that the spirit of fraternalism was predominate, there was still something lacking. That was a place the members could really call home. One of the greatest sacrifices the average student makes in obtaining an education is his home life. Conversely, one of the greatest functions of the modern collegiate fraternity is the furnishing of a home to its members. With this in mind, the Lambdas opened the first fraternity house at Tri-State College during the Fall term of 1925.

Lambda Phi Epsilon has always been active in the promotion of beneficial college and inter-fraternal activities. The members are always back of such activities as the Engineering Society, the Integral, the Athletic Association, the Modulus, and the Inter-fraternity Council. In spite of these many and varied activities, however, we never lose sight of the primary reason for our being here at Tri-State. We strive at all times to maintain ourselves slightly above the average in scholarship and choose our pledges with this in view.

FRATERNITY. May we, in looking at ourselves, find ourselves ever worthy of this eternal brotherhood to which we are pledged. May we continue to build, upon this firm foundation laid by those who have gone before us, a true and upright brotherhood of real students, real men. Let us always, in our dealings with others, so conduct ourselves that Tri-State and the Fraternity will be proud to claim us for their own.

Prof. Lindstrom
L.D.Burdick
C.R.Johnson
L.W.Riker
WINTER
1929
B.D.Cooke
H.K.McIntire
E.F.Ekberg
J.VanNorstrand
E.M.Pickens
W.D.Ferguson
J.R.Whiteman
N.R.Hastings
L.G.Felderman
H.F.Davis
J.D.Powers
A.M.Ehret
G.T.Lucas
W.J.Barnwell
J.L.Edmonds
H.C.Conners
D.W.Bearce
C.H.Perry

When day is done and when the sun
Is sinking in the west;
There comes to me a vision of,
The one I love the best.
When you are near I have no fear
Our love will ever die;
When you are gone, the world seems wrong.
For you I always sigh.

Love lingers on when you are gone,
My heart will always yearn;
When skies are blue I know you're true,
And soon you will return.
From loneliness to happiness,
Our hearts will ever be.
By stars above I claim your love
Through all eternity.

Phi Delta Kappa sweetheart,
You are loyal, I know.
You always play a true part;
That's why I love you so;
You share my joy and my sorrow,
You bring good cheer for tomorrow;
My PHI DELTA KAPPA sweetheart,
I love you best of all.

Δ

Φ Κ

# *Phi Delta Kappa*

Early in the year of 1920 a fraternal organization known as the Delta Lambda Xi, came into being. It was the first of its kind in Angola. As its purpose was to foster good fellowship, it consequently thrived, and in due course of time decided to link up with a nationally known fraternity.

The organization, having decided to accept admission to the greater Phi Delta Kappa Fraternity, on March 13th, 1922, was inducted and aided in the joining by the Upsilon Chapter of Garrett, Indiana.

The charter members of this new Gamma Chi Chapter of Phi Delta Kappa were, E. E. Bergen, Ronald Owens, W. O. Blakely, O. P. Carrol, Harcourt Sheets, Bernard Walker, F. G. Berquist, Philip E. Hedges, H. E. Smith, Herloth S. Ryder, O. A. Bassett and Lyle M. McBride.

Brothers who have joined our ranks since the date of its birth are far too numerous to mention individually. However, we wish to say, that they are wonderful fellows, always Phi Delts, never forgotten and we wish them all, the greatest success in life.

It is the spirit of the fraternity to contribute their services to the general welfare of the public and particularly to the community in which the chapter is located. The last contribution of a serious nature was the sponsoring of a Mississippi Flood Relief Dance which was well attended—all funds were turned over to the authorities for use in the stricken zone.

Besides the usual Friday night dances which are held during the school year, the Phi Delts have sponsored several plays, the last of which was George Kelley's "The Show Off", a three act play, and in conjunction with the Psi Iota Xi Sorority presented James Forbe's play, "The Show Shop". Both of these plays enjoyed a real success on the professional stage and because of their unusualness, called for the very best amateur efforts. Suffice it to say our public was more than satisfied.

Our Annual Spring Frolic held in May 1928, was by far the greatest social achievement ever credited the chapter. There were approximately two hundred couples in attendance, many of the brothers coming several hundred miles to be with us for what has become the greatest occasion of the year.

The dance was held at Paltytown on the shores of beautiful Lake James. Breakfast was served, novel entertainment introduced, and well—a most enjoyable time was had by all. Congratulations poured in from all the neighboring chapters. At this time the 1929 Frolic is already being arranged for. It is our sincerest wish and fondest hope to even surpass our 1928 effort.

March 1929, set a new record for our smokers, which are held each term to introduce new pledges. At this time we entertained about a hundred non-members most of whom were freshmen or second term students.

The Gamma Chi Chapter is now led by college men who have the benefit of the fraternity and the promotion of the highest scholarship at heart, who conscientiously perform their duties as officers, fostering good fellowship and fraternalism among the brothers. The officers for 1929 are: President, Henry G. Otte; Vice-President, Roy Averill; Secretary-Treasurer, John H. Hathmaker; Master of Ceremonies, Rufus L. Smith; Inner Guard, Charles Wilford; Outer Guard, Ferdinand Jacobs; Master-at-arms, James R. Loving, Lawrence Rickey, George Nichols and William Greer.

Alvin Lewis
William J. Powell
Gaylord C. Crain
Mark E. Sanders
Oliver J. Rees
Rufus L. Smith
Roy Averill
Henry G. Otte
Lawrence Riekey
James R. Loving
1928 1929
Charles H. Wilford
William Grier
ΦΙ ΔΕΛΤΑ ΚΑΨΙΛΟΝ
James Sherrill
John H. Hathmaker
G C Crain
George Nichols
Ferdinand E. Jacobs
George Stewart
Arnold C. Newman
Alvardo V. Rubel
Anthony J. Triano
Oscar Parsons
Linsly E. Brown
Virgil Simpson
Walter Bishoff
William Giustetti
Ernesto R. Gioni

Phi Lambda Tau to thee,
Our loved fraternity,
We pledge anew
Our manhood and desires,
All that thy oath requires,
Here at thy altar fires,
Phi Lambda Tau.

Now be thy flag unfurled
Showing to all the world
The orange and blue,
Shall give us victory,
Till all shall honor thee,
Our own fraternity,
PHI LAMBDA TAU.

Λ

Φ Τ

# *Phi Lambda Tau*

ON THE EVE of March 31, 1924, seven far-seeing sailors set sail at Angola, Indiana, in a small unnamed bark upon the mighty ocean of Fraternalism. They were destined to be blown over the waves of time by the none-too-gentle winds of fate, and to land at last at a port still unknown. For their captain they had Owen King who was assisted by Henry Wolf, first mate; Mark Hoover, second mate; and Homer Garrett, chief navigator.

Owing to the uncertainty of the weather they showed clever seamanship in keeping in the lea of the mighty cliff known as the I. O. O. F. Before venturing out to sea several tasks had to be completed. The captain, assisted by the second mate and chief navigator, christened the small yet sturdy vessel—PHI LAMBDA TAU, and carefully mapped out its course. Throughout the summer they encountered nothing but calm weather, and sailing was therefore exceedingly difficult, but with the change of seasons, fall weather brought the desired winds, and with a few extra hands which they picked up at a small port, they started out to sea. Their sailing papers were granted to them by the action of the state on April 10, 1925.

Progress was then steady, with a few short stops to take on more men for the crew and to let the older men off. Exactly two years after they received their sailing papers, the crew found their quarters too crowded and therefore changed them. The new quarters were thought to be large enough but by the beginning of the year 1929, the crew was once more forced to change to something larger. The necessity of these two changes indicates the rapid addition of men to the crew, caused by faster sailing, addition of more rigging, and general advancement of the ship.

Sometimes the crew became discouraged by the slow progress of their ship, but at all such times the memorable words of that great sailor of 1492 rang out "Sail on, Sail on, Sail on and on." These immortal words never failed to spur them on to greater achievements.

All along the course more rigging was added, more men added to the crew, until now PHI LAMBDA TAU is no longer a small vessel but one of the mightiest ships that ever started out from that port. Today we find that stalwart craft of the sea still sailing on and holding strictly to its course. The guiding posts of the course are Honor, Truth, Integrity, Education, Courtesy and Mutuality.

It has often been said of the PHI LAMBDA TAU that these points of the course have been so deeply instilled in the minds and hearts of the members of its crew, that for long years after they left the old gang, they have been unable to forget the basic principles of the path over which their fraternal ship sailed so steadily.

H. C. Anderson

J. H. Magill

G. T. Steidel

M. D. Walgren

E. B. Ericson

W. B. Brown

V. E. Sandolin

S. K. Greenwood

W. A. Park

P. F. Bargeli

G. Saulnier

G. W. McJunkin

H. L. Hough

R. P. Fenner

E. B. Stokes

J. D. Eros

C. W. Wells

R. P. Koos

W. M. Lehmkuhl

F. W. Hopper

C. Dunnahin

C. J. Peterson

L. E. McLaughlin

J. C. McGuire

T. W. Miller

M. E. Spirito

R. N. Ficker

E. L. Raffensberger

H. C. Wadsworth

D. Z. Smith

1928

ΦΛΤ

Why, sure! Our Frat just runs itself;
There's not much work to do,
The By-Laws, here, look after that;
Why worry? Me and you.
The President, he may do a bit
But a very little mite,
Just phone-calls now and then,
And a meeting every night.
The officers keep sitting 'round
Arranging plans and such,
'Bout seven days in every week—
They don't amount to much.
The entertainment job's a joke,
It makes a fellow grin.
The artists that we hear each night,
Why, they just happen in.
The Bulletins don't mean a thing—
The printer does it all.
A big machine just puts them out.
You can't call that work? It's gall.
And all the Secretary does,
Is to see that dues are paid,
And keep our members up to date,
It's a cinch if one was ever made.
Why, sure! Our Frat just runs itself,
It's the best that ever "wuz".
You think so? Just try it once—
You'll say "The Heck it does."

$$\Sigma$$

$$\Phi \qquad\qquad X$$

# *Phi Sigma Chi*

IN THE FALL OF 1927 thirteen of the students of Tri-State College assembled with the one idea of founding a chapter of some fraternity. One of them having been to another university and knowing the Phi Sigma Chi, immediately started things moving by applying to the National Headquarters for a charter. After a great deal of hard work on their part, the chapter was organized, the present rooms leased, and finally, on the seventeenth of December 1927, installed by the National President. All praise to these thirteen charter members.

The Phi Sigma Chi Fraternity was founded in Zanesville, Ohio, on November 28, 1901. As originally founded the Fraternity bore the name of Delta Theta Omega. In May, 1902 reorganization was begun and simultaneously with the revision of the Constitution and Ritual, the name of Phi Sigma Chi was adopted, as we are informed, with elaborate and ritualistic ceremonies. The Fraternity has grown until now it reaches from coast to coast and is comprised of more than one hundred chapters, located in the principal towns and cities.

The first few months certainly were rough going but like a ship battling a storm, sometimes gaining and sometimes losing, it finally reaches port in safety. In port it unloads its cargo, reloads, and starts out on new and greater ventures. Such is a picture of the Delta Epsilon, striving to help men while here in college, and then after they have graduated, starting all over again.

The growth and progress of the Delta Epsilon Chapter in one short year has been phenomenal. Thirteen charter members starting out with nothing more than high ideals have seen it grow into one of the best and largest fraternities at Tri-State College. Its membership has increased fourfold. Its spirit is becoming greater and greater.

Our future is assured with the present ideals we hold. We have always made it a point not to let our fraternal activities interfere with our college work. We have kept to that point and will always continue to do so. Now that the College has recognized the fraternities, we are always ready and willing to co-operate with it at every opportunity. In fact, one of our greatest ideals is to obtain results with the greatest harmony and least discord.

A word about our members. At first it was thought, among the members, that a fraternity was run purely on brotherly love, but gradually this idea has been dispelled from their minds until now they are co-operating in all respects. Woe betide the member who does not carry his share of the load! Taken all together they are a pretty fine bunch and here's to the Phi Sigma Chi!

Δ
19
E
29
Φ
X
Σ
D.C.Yuerling
E.F.Clypinger
G.A.Romano
A.P.Larson
A.J.Russell
B.L.Swander
H.W.Landgren
W.J.Daily
D.G.Davis
L.N.Murphy
G.B.Swenson
E.F.Quintana
D.T.Vents
B.L.Cook
H.E.Johnson
J.R.Redpath
R.T.Nelson
J.L.Amstutz
M.L.Bright
J.C.Merrill
N.L.Case
C.B.Kevitt
D.B.Evezerow
E.O.Tamm
J.L.Kozma
J.B.Smith
R.E.Hoyt
K.J.Feeney
E.E.Ellis
C.W.Sauer
D.U.Grey
N.U'Hatie
J.J.Moher
E.D.Miller
J.G.Cohoe
B.F.Keller
R.G.Thompson
C.L.Roberts
L.P.Fram

Men of Azureor, all are we
Of Sigma Mu Sigma Fraternity.
Bound by ties of lasting faith
In fellowship of Masonic state.

Men by law ordained are we
Of Sigma Mu Sigma Fraternity.
And where'er our paths shall wend,
Always shall our teachings blend.

College Masons all are we
Of Sigma Mu Sigma Fraternity.
Brothers of an ancient craft
Proud are we to be.

Let voices ring in harmony
To her name and memory.
Ever shall you be to me
Dear SIGMA MU SIGMA Fraternity.

**M**

**Σ** **Σ**

# *Sigma Mu Sigma*

It is truly said that Sigma Mu Sigma was founded at Tri-State College. Any fraternity is but an embodiment of an idea, or a response to an urge of the gregarious instinct. Brothers Knapp, Brown and Vanvranken felt this urge, and sensed that it was in part satisfied by the fraternal bonds of Masonry. Yet there was something lacking. They were a few years older than the majority of the student body, they must have been since they were Master Masons—and after meeting on the common grounds of Masonry and student fellowship, the idea of a college fraternity for Masons was conceived. The idea was broached to nine other Masonic students, who felt the same urge in their hearts and so it happened that on Good Friday, in the year 1921, Alpha Chapter, Sigma Mu Sigma came into existence. Not only into physical existence but also into higher spiritual existence.

Nowhere is there a more beautiful philosophical pronouncement than the injunction of the Gallilean, "Love thy neighbor as thyself." Society, in its necessity, intermingles men and motives, needs and desires. Modern society has classified and specialized until it has given to the individual a singleness of purpose and often a dis-association from conscious relationship to the whole, but this single function is a single building stone in the massive wall of society. If this stone is warped or rough it mars the features of the whole structure; if it is weak it weakens the structure; if it is strong it must be surrounded by strength to function properly. This is true of the material society. A man's happiness and well-being is dependent on his love for his neighbors. It is the spiritual cement of society.

Nowhere is the philosophy of love for one's neighbor, loyalty to duty and to ideal, reverence of the divine and obedience to law more deeply rooted than in the heart of the true Mason. No system of philosophy or method of training will better fit a man to perform his duty to the society in which he lives, to render loyal service to his country and measure up to the most exacting standard of good citizenship, to build and maintain in all the glory of its true significance that most sacred of human institutions, the home, than the imbibing of the soul of Masonry and the exemplification of its precepts in the striving of man toward the ideal of perfection.

The aim and function of Sigma Mu Sigma on the college campus is to create a well balanced college fraternity. It is based on scholarship and aims to develop the intellectual side. It is a general fraternity and not purely a scholarship fraternity. It does not claim to maintain the scholastic standard of the Phi Beta Kappa, but hopes to come nearer to that than any other general fraternity has ever done. It is not believed that we will be able to rise far above other fraternities in scholarship for if we succeed in establishing a higher standard of scholarship for a social fraternity by concentrating on that as one of our three cardinal principles and giving our best efforts to building up that ideal, other fraternities will endeavor to match our efforts and we will have succeeded in our purpose to lift the scholarship standard of social fraternities.

H. A. Jensen

G. V. Wilson

F. G. Coffin

G. M. Gill

L. G. Sykes

M. E. Hart

L. V. Gilberty

ALPHA CHAPTER

Σ

28 M 29

Σ

I. K. T. T. M.

W. E. Skinner

W. J. Mear Jr.

L. G. Radcliffe

C. W. Raesler

R. M. Reneh

G. B. Yaus

L. E. Rankin

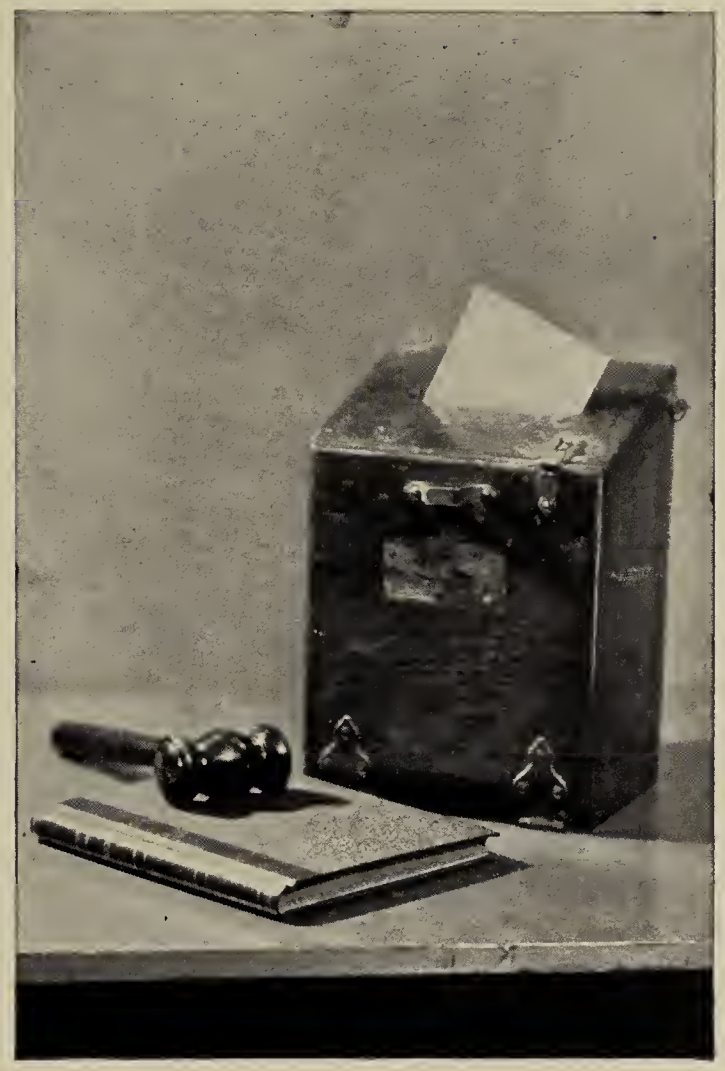
C. W. Dreichmann

A. E. Olson

# *Beta Phi Theta*

This is a national fraternity of collegiate standing and will make its appearance on the Campus this Spring.

The Lambda Phi Epsilon Fraternity will affiliate with this order and henceforth will be known as the Delta Chapter of Beta Phi Theta.



# Clubs

"A high ideal whatever it may be;
Although difficult of attainment,
May be realized through constant
Endeavor and honest effort."

# *Filipino Club*

# *Filipino Club*

As the shores of time are strewn with the wrecks of loves and hopes, so have the waves of time created modern ideas in education. As far back as in the latter part of 1920, a group of eight ambitious Filipino students, conceived the splendid plan of founding a club wherein brotherhood, Christian character and mutual co-operation was to be promoted. These young students represent a distinct nation struggling for political independence and recognition in the family of International affairs. The club, guided by lofty ideals, has acquired a reputation as an active body of foreign students in the Tri-State College attributed by the fact that it is represented in the Inter-Fraternity Council of the college.

The constitution and By-Laws of the club provides the foregoing aims as the principal motive of its formation:

1. To promote the spirit of co-operation and brotherhood among the Filipino students in all institutions of learning in the United States,

2. To develop their Christian character, to improve their spiritual, mental and social conditions, and,

3. To propogate a concrete and accurate information regarding Philippine conditions and ideals.

There are three classes of membership in the club, namely: Resident, non-resident and honorary. Any Filipino student possessing a good moral character and residing in Steuben County, constitute the first class. The non-resident members are those Alumni who kept a continuous touch with the club. Honorary members are nominated from time to time, and selected from those who achieved distinction in Public Service, in Art and in Science.

Following the slogan of the club as embodied in its Constitution and By-Laws, some of the members attend regularly the different churches to which they are affiliated. Mr. Isaac Leonides Santos, the secretary, always spent his Sunday by teaching young children in the church. He propagated the modern Philippines by giving lectures with slides to the Engineering Society.

Our President, Mr. Bart L. Ave, has given his best to the interest of the Filipinos as a whole. Material and Spiritual aid have been rendered by him. It was through him that made possible the insertion of the Filipino Club in this Annual. Through his leadership lay the hope of the Club during the term that passed. We owe him a tribute.

## *Active Members 1929*

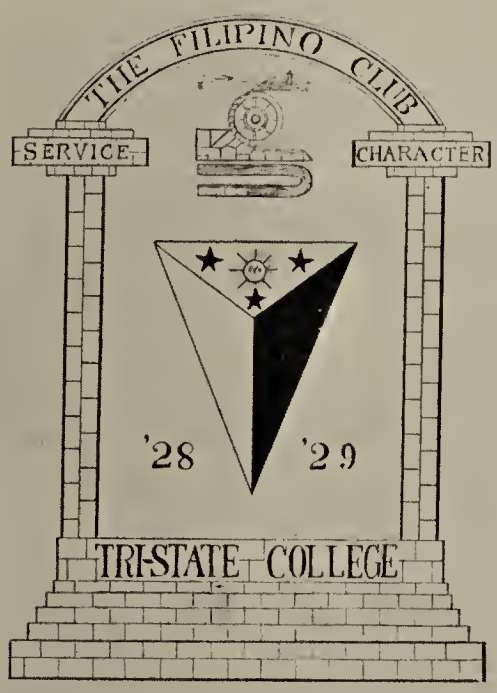
Bart L. Ave, *President*
Bruno G. Sales, *Vice-President*
Isaac Leonides Santos, *Secretary*
Juan Villamin, *Treasurer*
Martin Mallari, *Sergeant-at-Arms*
Laurencio R. Canalita, *Member*
Abdon L. Centeno, *Member*
Domiciano R. Karganilla, *Member*
Vivencio B. Bolido, *Member*
Basilio Pagurayan, *Member*

B. G. Sales

Martin Mallari

L. R. Cañalita

Isaac Leonides Santos



D. R. Karganilla

Abdon L. Centeno

B. V. Paguirayan

Bart L. Ave

V. B. Bolido

You're here to play a part, my son,
Upon this grim old earth,
And so where'er your lot is cast
Do credit to your birth;
Put not your faith in friends nor luck
But play your part alone;
Be not ashamed 'fore God or man
To call your deeds your own;
Take pleasure in your duties,
And make your work your play,
And touch not toys that gamble
Your time and life away;
In all things that you undertake
Ever do the best you can,
And the world will be the better
For you'll grow to be A MAN.

# Commerce Club

# Commerce Club

In the last days of the year 1928, there was much Campus Gossip among the Commercial Students concerning an organization of some type. Through the never failing assistance of Dean Walfred Lindstrom, an announcement was made just before the end of the Fall Term of 1928, that such a club would be formed. A meeting was called for the purpose of appointing a chairman to preside at the first meeting, and a committee was also appointed to draw up the constitution.

The first official meeting was held on Wednesday, January 16, 1929, in the form of a banquet given by the Dean. At this meeting the first officers were elected and the following selection was made to pilot the club on its maiden voyage to success:

Frank Pethybridge, *President*
Ruth Williams, *Vice-President*
Carrie Monette, *Secretary*
Lois Golden, *Treasurer*

The purpose of this organization is to furnish means of developing professionally, become conversant with modern business methods and procedure, secure prominent business men to speak to Tri-State Students, encourage debates on economic, civic and business subjects, to promote closer faculty-student contacts, and to encourage social contact among the students.

The eligible members are Commercial Students of Tri-State College with all members of the Faculty as Honorary Members, and the Dean of the School of Commerce, Walfred Linstrom as advisor.

The Charter Members of the Club are: Carrie Monette, Frank Pethybridge, Reuben E. Torgersen, Glenn Hannaford, Vivian Woods, Jack Croxton, Jr., Ward B. McCardel, Lois W. Golden, Fred C. Davisson, Clinton A. Abrams, Ruth Dunlap, Roy Stilmant, Arthur J. Kelly, Manning Curry, Walter R. Bishoff, Lenore Cornell, Allen Shry, Maynard P. Harter, A. Reuben Anderson, R. M. Renick, Evelyn Gramling, L. C. Chang, Jacob K. Nicely, Raymond Baltz, Maxine Stafford, Edward C. Gammeter, Cletus F. Correll, Frederick A. Warren, Louise Gabriel, Leslie Ringelspaugh, Doris Arnold, Roy Reppard, B. G. Warford, Ruth B. Williams, Heyman Wisner, E. S. Blanchard, Ralph Hughes, Foster Root, John Basarab, Jr., Jeanette Green, M. S. Shapiro, Grace Gage and B. Pagurayan.

The Charter Members number forty-one and at the present time there are fifty members in the club. Watch this organization and its accomplishments and see these spell SUCCESS.

# COMMERCIAL CLUB

R.A. BALTZ

G. HANNAFORD

M. STAFFORD

F. WARREN

W. BISHOFF

L. GABRIEL

M. P. HARTER

R. WILLIAMS

B.G. WARFORD

C. MONETTE

V. WOODS

F.C. DAVISSON

C. ABRAMS

L. CORNELL

L. SHANG

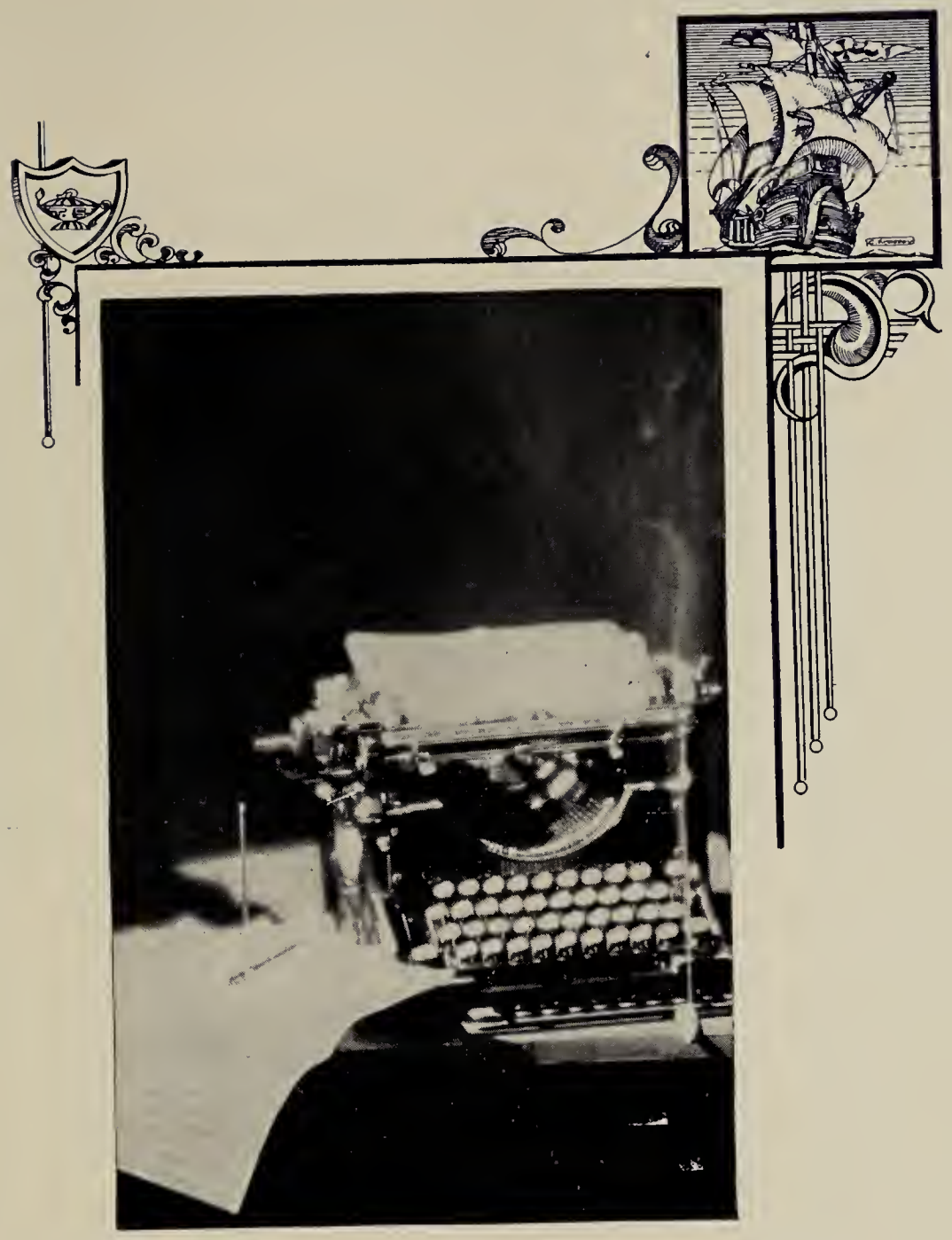
J.K. NICELY

J. GREEN

A.J. KELLY

B. PARGURAYAN

# Activities



# Publications

R. T. Roush
*"Integral"*

A. A. Parrott
*Literary*

B. Handy
*"Modulus"*

# *Faculty Advisors*

Requiring the mature judgment which only wide experience in the literary field can achieve, the staffs of the publications of the school select a member of the faculty to act as an advisor.

Professor Burton Handy, as advisor of the 1929 "Modulus," rendered invaluable assistance. The staff greatly appreciates his efforts, and retains very pleasant memories of the time spent together in planning this book.

Professor Alice Parrott, Head of the English Department, placed her services at the disposal of the staff as literary advisor. Miss Parrott's helpful criticisms and advice on the correct use of English may be seen throughout the pages of this book.

Professor Raymon T. Roush is at present acting as advisor to the "Integral." As the staff of this publication changes every term his advice to the incoming staffs has proven valuable. He has given every possible assistance in making this a better technical magazine, and the rapid growth of this publication in the past year has greatly increased his duties.

DAVID SHAVITCH
*Editor-in-Chief*

JAMES V. GILIBERTY
*Business Manager*

# The 1929 Modulus

THIS book represents the efforts of not one or two individuals, but is the result of the whole-hearted co-operation of an efficient staff, the wise guidance of the faculty and the generous assistance of the student body.

Several innovations in the make-up of the average annual were made in the Modulus of 1929. Group pictures were avoided, as the individuality of a person becomes lost in a group. The write-up and snapshot of each senior are departures from the accepted style.

The art-work is, in its entirety, the product of Engineering-students; the literary work was done by students better versed in technical writing than in the Fine Arts; and the other functions required in the production of a Yearbook were performed by students, greatly harrassed by school work. Their splendid efforts have made the book what it is.

If we have succeeded in producing an annual worthy of our school, our efforts will not have been in vain.

To our co-workers on the staff, and to those who have aided us in the production of the Modulus of 1929—our sincerest sentiments of appreciation.

David Shavitch

Jas V. Giliberty

HENRY C. WADSWORTH
*Advertising Manager*

WILFRED A. PARK
*Assistant Advertising Manager*

DONALD J. MCFADYEN
*Circulation Manager*

## *The Modulus Staff 1929*

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*Fraternities*

EARL G. LOESER
*Seniors*

GEORGE T. LUCAS
*Sports*

VIRGIL R. SIMPSON
*Art Director*

CHARLES KRASSOV
*Artist*

FRANK VENZARA
*Assistant Artist*

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JACOB K. NICELY

R. CRAWFORD GARBI
ARTHUR W. DALRYMPLE
THOMAS N. PIDGEON

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*Campus*

FRED. C. COFFIN
*Snaps*

C. J. COLMENAR
*Poems*

MARTIN L. BRIGHT
*Class*

*The Integral*

*Spring '28*

It was during this term that the increased size of publications was introduced. It meant the gathering of more material from the students of which they gladly gave. There were some very good articles written by the students.

Among these was "Adequate Technical Education." This subject outlined the necessary subjects that were needed. It gave the different curricula that were used in the engineering schools throughout the country. It gave in a general way some of the outstanding problems which beset the prospective college student in his choice of an Alma Mater.

Another good article was "Fraternalism." This discussed fraternities both pro and con. It was written by a fraternity man so he had sound basis for his subject. It was well constructed throughout.

This being the age of machinery the magazine wasn't complete without an article on aviation construction. There were several good illustrations showing different types of planes. This article was written by a student who had some experience in that line.

Great interest was shown during this term in regards to alumni. The alumni editor received quite a number of letters from former graduates which helped to liven up this section.

No college paper or magazine would be complete without a little humor in it. There are quite a few humorous writers amongst our student body so, there was no lack of material.

These new creative and outstanding features that were introduced during this term helped bring about a new spirit here at Tri-State. More interest was shown in school activities and publications. Incoming editor's slogan now seems to be "A bigger and better Integral."

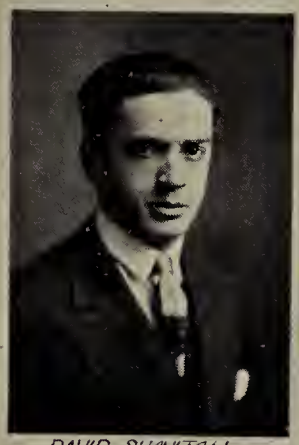
# The Integral Staff

MINNERD W. STARK
EDITOR-IN-CHIEF

DONALD J. MACFADYEN
BUSINESS MANAGER

ERIC HARDING
ASSOC. EDITOR

VIRGIL R. SIMPSON
ART DIRECTOR



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FRED HARDY
ALUMNI & SENIOR ED.

THEODORE G. STEIDEL
SPORTS EDITOR

HAROLD F. UMSTOTT
CIRCULATION MANAGER

GEORGE LUCAS
ADVERTISING MGR.

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ASSOC. EDITOR

JAMES McGUIRE
ASSOC. EDITOR

WALTER D. PHETEPLACE
ASSOC. EDITOR

HOWARD E. JOHNSON
FRAT. REPORTER

# Spring 28

*The Integral*

*Fall '28*

THE average student at Tri-State does not find much time to indulge in outside activities. The Integral, through its staff, is always a subject of criticism, both constructive and destructive. The effect of this interest of the student body is apparent as each term brings forth a new editor and a new staff to vie with the staff of the past in bringing forth a bigger and better Integral. The great acclaim that the final issue of the term of '28 brought forth leads us to believe that this aim was accomplished.

A new policy was instituted during the fall term of 1928, whereby more outside technical illustrated articles were obtained along with an equal amount of student articles. This was not the only new innovation. The School of Commerce, due to its large and rapid growth, was able to furnish enough material to warrant a separate section. The faculty also submitted articles sufficient to reserve themselves a section of the book. All these improvements were not brought about by sitting idle and waiting for the material to be dropped into the box at the book store, it was accomplished solely through the whole-hearted co-operation of the staff, the faculty and the student body. The results may be seen in the fact that the staff was able to produce, in one term, a greater volume of pages than was ever before offered to the student body during any term.

Each branch of engineering was covered by an article relative to that respective branch of engineering. Perhaps the fact that the issues covered were of special interest at the time of publication may account for the fact that they were so enthusiastically received.

# The Integral Staff

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C. Kevitt
REPORTER

O. Brown
REPORTER

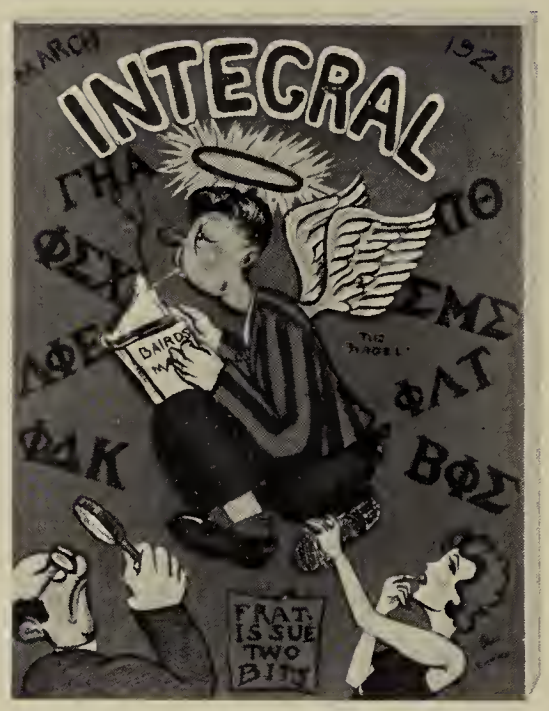
C. Colemenar
REPORTER

C. Clark
ASST. ADV. MANAGER

Fall '28

Bright

*The Integral*




*Winter '29*

THE INTEGRAL completed another quarter of publication and, with each succeeding quarter a mark of progress has been indelibly imprinted upon the books of Father Time. During the year 1928 the size of the paper was enlarged, and, while the beginning of this year showed no enlargement in quantity, it surely progressed in quality and efficiency.

The Integral Staff of this quarter was headed by Martin L. Bright, and under his supervision the school paper enjoyed a most successful quarter. Benjamin L. Cook acted in the capacity of business manager, and his earnest work did much toward making this quarter's publication a success. Not enough praise can be given the associate editors whose zealous work, coupled with exceeding ability, was a great asset in the progress of the Integral.

This quarter marked a change in the publication by the introduction of the Fraternity Issue. The cover of this issue was made to represent the several fraternities on the Campus, and contained several articles featuring the fraternities as well as the other phases of College life.

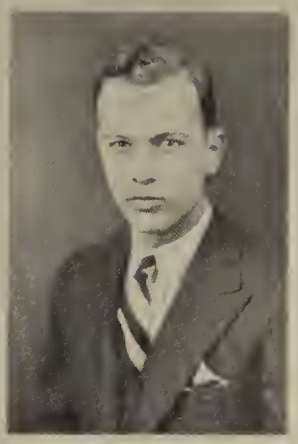
Much praise is due to the Staff Advisor, Professor Raymon T. Roush, who worked so well with the staff during this quarter and helped to make the paper the success that it was.

# The Integral Staff

Martin L. Bright
Editor-in-Chief

J. Carter Merrill
Art Editor

David B. Emerson
Advertising Manager



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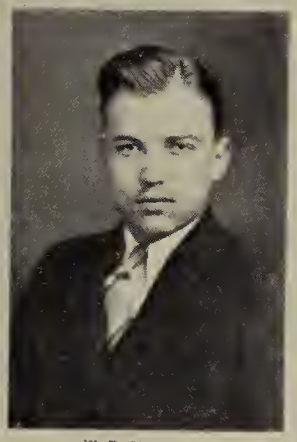
Chester B. Kevitt
Assistant Editor

Ruth Williams
Associate Editor

Marcel Auerlug
Assistant Advertising Manager

T. Norman Pidgeon
Associate Editor

Arthur McNally
Associate Editor



W. D. Ferguson
Associate Editor

Cayetano Colmenar
Associate Editor

Richard Keys

# Winter '29

Bright

# *Integral Spring '29*

WITH the coming of the spring term and the realization that it is the last for the many, the Integral staff has endeavored to put out a magazine that will always bring back fond remembrances of the Spring of '29.

The final issue of the Integral has been dedicated to the graduating class of '29 and the staff sincerely hopes it meets with their approval as well as that of the student body.

It is a hard and difficult task for the editor to put out an issue that will please everyone and no one knows that any better than the editor himself. It is his secret ambition to edit the best Integral ever published and when it finally comes out it seems like it is the worst. The staff is the backbone of the Integral for without it there could be no issues. Each man on the staff has a particular task assigned to him and the success of the magazine depends on how well each individual performed his task.

The experience received while being a member of the staff of the Integral, or of any school publication, is very valuable. To be able to express one's thoughts clearly, without the use of superfluous words, is a faculty that can be acquired by practice.

The exactness and close attention to details required in the proof-reading and making-up of a publication, have trained many men in these admirable qualifications.

The soliciting of advertisements and subscriptions, the planning of budgets and the general business management of a school paper, have proved to be of valuable experience to many men in the business world.

A brief resume of some of the articles published in the first issue of the Integral will give an idea of the make-up. "Wheat and Flour", written by a scientist, was well laid out. It described wheat and flour both from a scientific and historical viewpoint.

"Insulators by Jeffery-Dewitt" was written by a former Tri-State graduate. He is now in the employ of the above company. This article described the making of insulators from beginning to end.

These are only a few of the topics that were covered. It is always the aim of the editor to get at least one or two articles relating to the different branches of engineering. The staff realizes that the Integral is not all that it could be, but if it serves to bring back fond memories of the Spring of '29 that is all it desires.

# The Integral Staff

E. ELLIS
ART DIRECTOR

B. L. COOK
BUSINESS MANAGER

HAL CONNERS
ART DIRECTOR

T. HAMILTON
CIRCULATION MANAGER

F. G. COFFIN
ADVERTISING MANAGER

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EDITOR-IN-CHIEF

D. B. EVZEROW
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ASSOCIATE EDITOR

R. N. KLOBEDANZ
ASSISTANT ADVERTISING MANAGER

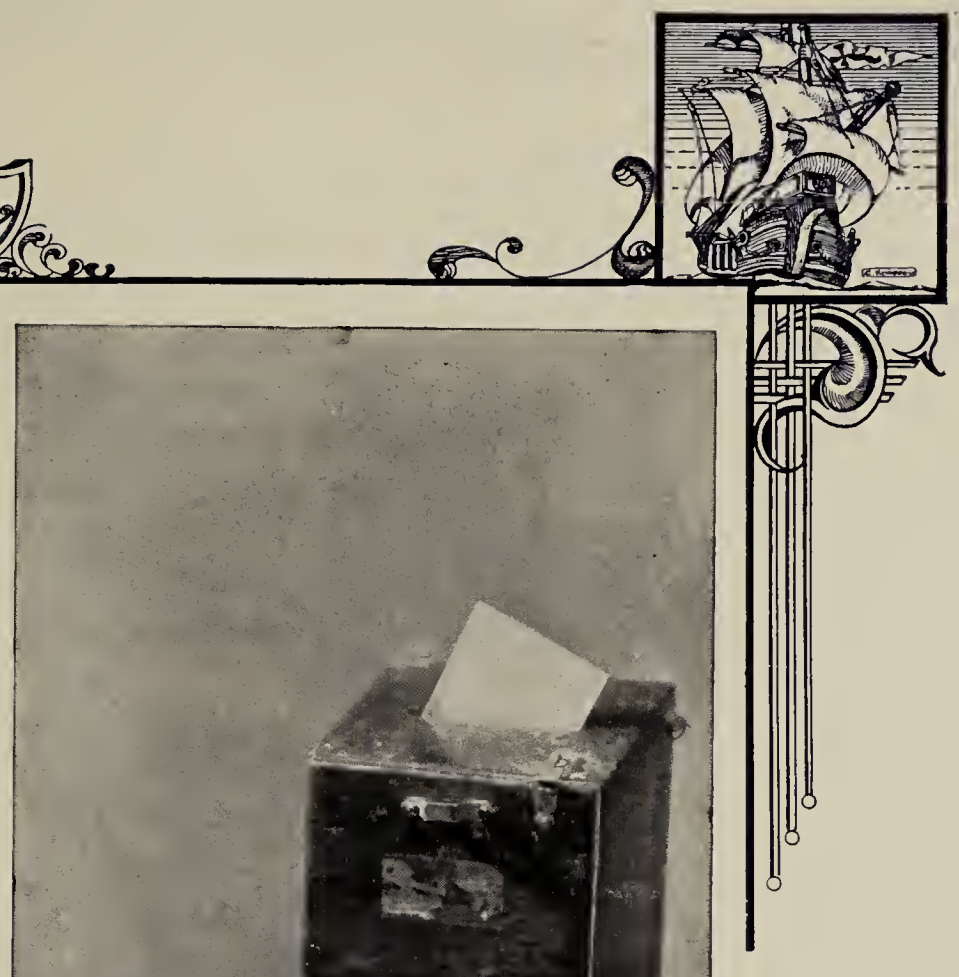
R. G. CLARK
ASSISTANT EDITOR

C. HANNAFORD
ASSOCIATE EDITOR

Spring '29

BRIGHT

F. E. CLAYTON
ASSOCIATE EDITOR



# Societies

# *Engineering Society*
# *Summer '28*

THE ENGINEERING SOCIETY, founded in 1906, is the largest and most important organization at Tri-State College.

Its membership has enjoyed a steady growth so that now more than half of the Engineering students of the College are members of the Society.

The importance to the students of belonging to the Engineering Society cannot be over estimated. To be a member can be considered part of the student's required education.

At the meetings, which are held every Friday evening, he learns the management of business meetings, and develops his ability of self-expression. He learns to listen to others and to form his opinions of what has been said and done at these meetings.

Every member has the right to voice his sentiment, and the new member soon discovers that his opinions are respected and considered.

The business meetings are run according to Parliamentary Rules and Regulations. The members are thereby afforded the opportunity of becoming acquainted with these rules and many members show marked aptitude in leading meetings.

It is now the custom in the business world to hold meetings according to Parliamentary Rules and a knowledge of these rules has proven valuable to many members.

The principal offices of the Engineering Society are filled by election, and those members who show marks of leadership and who desire to take part in the activities of the Society, are usually called upon to fill these positions.

One of the most valuable assets that an Engineer can possess, is the ability for public speaking. To be able to address one's fellowmen, to present one's ideas and plans before an assembly and to be at ease while doing so, requires practice. Many members have developed into fluent and effective speakers, expressing themselves in a clear and concise manner.

During the Summer of 1928 the meetings of the Engineering Society were not as well attended as usual. A smaller number of students are enrolled during the Summer, and membership of the Engineering Society is smaller.

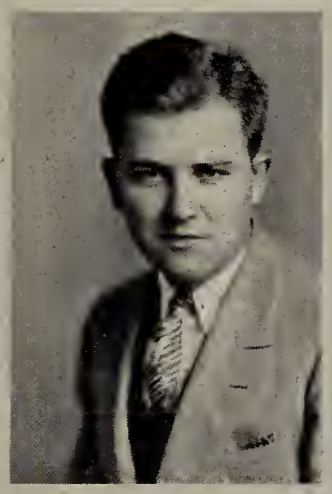
The call of the outdoors proved very strong during the warm evenings and the members could not be blamed for not desiring to spend some hours indoors attending these meetings.

President George Hopkins led the meetings in a very effective manner. No matters of great importance were brought up at the meetings, as it was deemed advisable to let them rest until Fall, when a more representative consensus of the members could be obtained.

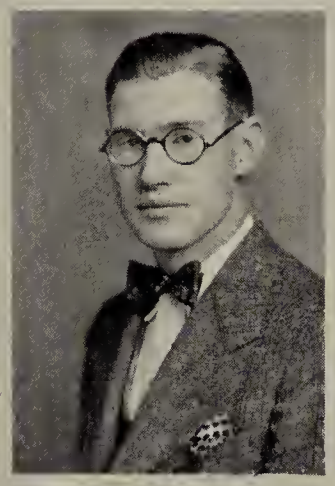
# Engineering Society Summer 1928

JAMES J. MOHER
ASSIST. SARGENT-AT-ARMS

GEO. HOPKINS
PRESIDENT



P.G. PETERSON
TREASURER



RICHARD P. FRAME
CORRESPONDING SECRETARY

MINNERD STARK
VICE PRESIDENT

R.W. THOMPSON
CHAIRMAN EXECUTIVE COMM.

G.V. WILSON
SARGENT-AT-ARMS

# *Engineering Society*
# *Fall '28*

At the beginning of the school year there was a great influx of new students. They being new to College life and among strange surroundings, were glad to avail themselves of the advantages the Engineering Society could offer.

By joining the Society, they had the opportunity of quickly meeting the old and new students. Many of the new students joined the Society during this term and with the old members, one of the largest memberships ever attained by the Society was made possible.

As it has been the custom in the past, Open House was held at the first meeting. A large program was offered, consisting of very worth-while speeches by members of the faculty. The main speaker of the evening was Mr. W. J. Hockett of the General Electric Co., who gave a very interesting and inspiring discourse.

Great interest was shown at this meeting by both the old and new members, which interest continued during the entire term.

Many of the new members took an active part in the affairs of the Society. Matters of great importance were brought before the Society during the term, and spirited discussions took place. The most important of these matters was the question of secession from the Western Society of Engineers. After much deliberation it was decided by the Society not to cease affiliation with the Western Society of Engineers.

The realization of the benefits derived from the Western Society of Engineers, at the point of seceeding, gave rise to greater appreciation of that organization. Like a ship out of a storm, a new spirit prevailed and the Engineering Society sailed smoothly on.

# Engineering Society

## Fall

## 1928

V. E. Wilson
CHAIRMAN
EXECUTIVE COMMITTEE

M. P. Reilly
PRESIDENT

F. J. Robinson
ASST SERGEANT-AT-ARMS

Harold Umstatt
CORRESPONDING SEC'Y

St. Elmo S. Hart
VICE-PRESIDENT

C. D. Minton
SERGEANT-AT-ARMS

Merton F. Clark
TREASURER

J. J. Moher
RECORDING SEC'Y

Bright

# *Engineering Society*

## *Winter '29*

In contrast with the meetings held during the Fall term, the meetings during the Winter term were marked by their smooth and harmonious functioning.

President Harold F. Umstott was well fitted for his position and he led the meetings in a very effective and forceful manner.

The meetings characterized themselves by the splendid attendance that was achieved.

Chapel Hall, where the Engineering Society holds its meetings, was redecorated and presented a very pleasing appearance. New lighting fixtures were installed which aided in making the Hall more cheerful. It was decided to purchase a new piano and it was delivered by the end of the term.

The Engineering Society is constantly progressing. Each term sees some new improvement, which is beneficial to both the members and the College. Not only in improving the Hall, but in promoting that spirit of closer co-operation between the students and the faculty, the Society is always active.

It is the aim of the Entertainment Committee to have at least one member, at every meeting, give a talk on some subject with which the speaker was familiar prior to his College career. These talks are interesting in every detail to the members, and gives the speaker the opportunity of expressing his views before an audience of future Engineers.

The Society was able to secure several speakers during the term, among whom were prominent Engineers of the day.

In all, the Engineering Society looks back to the Winter term as being one of the most successful.

# Engineering Society

Harold Umstott
PRESIDENT

C. D. Winton
ASST. SERGEANT-AT-ARMS

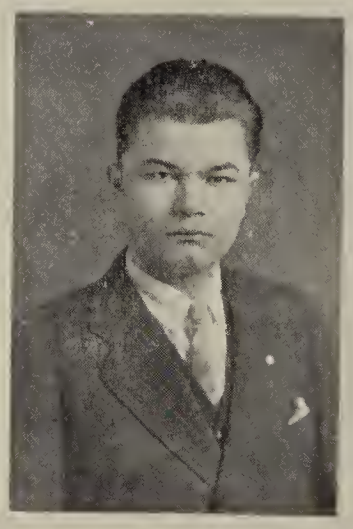
Dan B. Gulka
RECORDING SEC'Y

Charles Wm. Deichmann
VICE-PRESIDENT

E. N. Klubendaz
CORRESPONDING SEC'Y

Wm. Potts
CHAIRMAN
EXECUTIVE COMMITTEE

F. J. Robinson
SERGEANT-AT-ARMS



Merton F. Clark
TREASURER

Winter
1929

Bright

# *Engineering Society*
# *Spring '29*

THIS term marks the closing of the important functions of the year that come under the auspices of the Engineering Society.

The meetings so far have progressed greatly under the leadership of Dan. B. Gulko, the able President of the Society during this term. The orderly manner in which the meetings were conducted speak well for Mr. Gulko.

The slide-rule class is one of the functions of the Engineering Society. These classes are held during the Fall and Spring terms and are taught by Professor Pfeifer, who is a past master in the use of the slide-rule.

No Engineer is truly one till he has mastered the slide-rule. In his daily calculations, in computing data and estimates, the slide-rule is a great saver of time. To the novice it may appear to be a mysterious instrument, but once an Engineer has learned the fundamental principles of the slide-rule he will never be without one.

A very enjoyable social function was instituted during this term. It is the Annual Spring Prom. The first Prom was held May 17th at the famous Weldon's Landing Dancing Pavilion on beautiful Lake James. Many members of the Engineering Society were present with their ladies. The dance was chaperoned by members of the faculty. Novelties and favors were given out during the course of the evening and an enjoyable time was had by all present.

As this dance usually takes place shortly before Commencement week it seemed advisable to hold it during the earlier part of the Spring. This dance will hereafter be called the Junior Prom and will continue to be sponsored by the Engineering Society.

# The Engineering Society

## Spring Term 19 29

D. R. Gulko
~ President ~

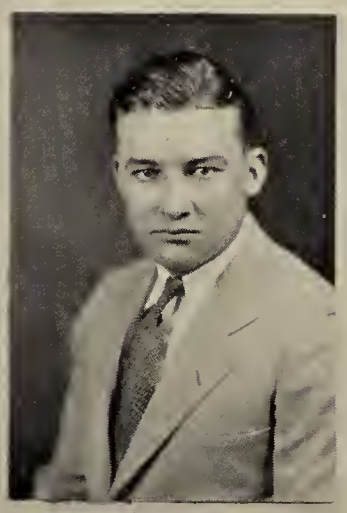
Wm. Hekers
~ Treasurer ~

F. G. Coffin
~ Vice-President

E. Paquette
~ Chairman Executive Comm

J. T. Underwood
~ Corres-Secretary ~

V. Juerling
~ Record.-Secretary ~



C. A. Dalton
~ Sergt-At-Arms ~

D. Shavitch
*Vice-President*

G. Lopez
*President*

C. Villasuso
*Recording Secretary*

A. Robles
*Corresponding Secretary*

# *International Students' Association*

The International Students' Association was formed last Fall for the purpose of bringing the foreign and American students into a closer contact.

The foreign student when first coming to Tri-State College, finds himself not only in a strange country but also among young men whose conception of foreign countries is somewhat erroneous. The spirit at Tri-State College is truly cosmopolitan and the College is proud of the splendid records some of the foreign students have made while at this school.

The Association aims to promote a harmonious relationship between the foreign and American students. It also affords the American students a wonderful opportunity to cultivate the languages they have acquired while studying in foreign schools.

Only students who have attended schools abroad are members of the International Students' Association. No regular meetings are held; the members meet at foreign students' homes and reminiscences are exchanged.

---

Antonio E. Aguilar, Zacatecas, Mexico, National Agricultural School, Zacatecas.
B. L. Ave, Leyte, P. I., National University High School, Manila.
M. Avilla, Arecibo, Porto Rico, College of Agriculture of Mayaguez.
F. J. Bengochea, Havana, Cuba, Institute of Havana.
V. B. Bolido, Capiz, P. I., Philippine School of Arts and Trades, Manila.
L. R. Canalita, Cebu, P. I., Cebu High School.
A. Centeno, Leyte, P. I., Philippine School of Arts and Trades, Manila.
L. C. Chang, Shanghai, China, Far Eastern Commercial College, Shanghai.
C. J. Colmenar, Cavite, P. I., Cavite High School.

L. Diaz, Bogota, Colombia, Institute of La Salle, Bogota.
D. Evzerow, Boston, Mass., Schools in Russia and Germany.
S. M. Faregh, Teheran, Persia, American Missionary School, Teheran.
T. C. Feng, Tientsin, China, Tsing Hua College, Peking.
E. Fletes, Santa Barbara, Honduras, College of the Independence, Santa Barbara.
J. Galindo, Mexico City, Mexico, College of Coyuacan, Mexico City.
G. Jang, Canton, China.
D. Karganilla, La Union, P. I., La Union High School.
C. Krassov, Winnipeg, Manitoba, Canada, University of Manitoba.
Y. B. Leo, Canton, China.
G. Lopez, Quezaltenango, Guatemala, National Western Institute, Guatemala.
L. C. Louis, Canton, China.
M. Mallari, Pampanga, P. I., Pampanga High School.
I. Marrero, San Juan, Porto Rico, Moczo Academy, San Juan.
S. Martinez, Gibara, Cuba, College of Belen, Havana.
I. Megwinoff, San Juan, Porto Rico, San Juan Central High School.
F. Nevares, Toa Alta, Porto Rico, Central High School, San Juan.
T. B. Oei, Hongkong, China, St. Stephens College, Hongkong.
B. Pagurayan, Ilocos Norte, P. I., Ideal School of Commerce, Manila.
H. Perez, Medellin, Colombia, Institute of La Salle, Medellin.
E. M. Reina, Mexico City, Mexico, College of Coyuacan, Mexico City.
J. Rexach, San Juan, Porto Rico, San Juan Central High School.
J. V. Reyes, Guatemala, Guatemala, Central National Institute, Guatemala.
A. Robles, Santa Marta, Colombia, College of Rosario, Santa Marta.
A. Romagosa, Cienfuegos, Cuba, Jesuits College, Cienfuegos.
B. Sales, Ilocos Norte, P. I., Laeg High School.
I. L. Santos, Rizal, P. I., National University High School, Manila.
P. J. Santos, Gibara, Cuba, Institute of Santiago de Cuba.
D. Shavitch, Syracuse, N. Y., Technical High School, Berlin, Germany, Schools at Nice, France, Montevideo, Uruguay, S. A.
B. K. Sheet, Canton, China.
Y. P. Tom, Canton, China.
G. Uribe, Medellin, Colombia, University of Antioquia, Colombia.
A. T. Vakili, Teheran, Persia, Memorial School, Teheran.
Juan Villamin, Lazuma, P. I., Lazuma High School.
C. Villasuso, Havana, Cuba, University of Havana.
G. Wilson, Ingersoll, Ontario, Canada.
G. Zambrano, Monterey, Mexico, Civil College of Nuevo Leon.

O. C. Abbott
*Recording Secretary*

B. L. Cook
*President*

W. Hekers
*Corresponding Secretary*

D. Yeats
*Vice-President*

# *Stick and Wing Aero Club*

The Stick and Wing Aero Club was founded in 1927 by the students interested in the technical side of Aeronautics. These students were under the guidance of Raymon Robilio, a graduate of the Cook Flying Camp.

Mr. Robilio acted as Chairman at these meetings and gave technical lectures and practical hints on flying.

The Club grew and much interest became evident for Aeronautics among the students. Through the efforts of the members of the Stick and Wing Aero Club, Tri-State College became "air-minded" and the Board of Directors deemed it advisable to start a course in Aeronautical Engineering.

The Department of Aeronautical Engineering is headed by Professor R. T. Roush and much success is predicted for this new course.

Members who have taken an active interest in Aviation are: R. G. Clark; J. G. Cohoe; E. R. Cook; R. C. Garbi; V. C. Juerling; R. C. Knepp; L. N. Murphy; T. B. Oei; M. A. Turner; G. V. Wilson; H. G. Wise; A. T. Zent.

# Sports

W. A. Pfeifer
*President*

C. G. Olsen
*Advertising Manager*

H. L. Hough
*Assistant Manager*

B. Handy, Jr.
*Treasurer*

# *Athletic Association 1928*

The Athletic Association is a voluntary association for the purpose of promoting athletics in general at Tri-State College. The association exercises a wise supervision over the athletics of the school, and great care is taken that they do not interfere with the scholastic standing of the students on the teams.

The promotion of athletics involves much thought and time, and at Tri-State College they have been somewhat neglected until the formation of the Athletic Association. Due to the Association, more interest and spirit are shown in athletics by the students and members of the various teams.

The Athletic Association of 1928 is to be congratulated upon the good showing made by the teams during the past year.

Professor Pfeifer is a strong booster of athletics and under his guidance athletics have grown and will continue to grow at Tri-State College.

LOUIS FISHER
*Coach*

JOSEPH A. URSO
*Trainer*

# *The Athletic Year*

TRI-STATE COLLEGE does not depend on athletics to carry its name before the public of this country.

Physical training is to some extent beneficial to the students, and athletics, whereby a student may exercise his ability for certain sports without them occupying too much of his time, are being done at this institution.

Major sports, which involve the training of champion teams, are not feasible at Tri-State College, as the average student's time is fully occupied with his studies.

Some very good teams have been produced at the College and the Basketball team of 1928 made a very good showing.

Much credit is due to Louis Fisher, coach of the 1928 Basketball team. Despite the fact that he was appointed to this position during the middle of the season, he was able to pull the team out of a losing slump and to instill new life in it. He showed great ability in coaching the members of the team, and the 1929 team should be a consistent winner under his direction.

The positions of managing the team are filled by students, with the exception of the coach.

The coach was ably assisted by Joe Urso, trainer, and Leon Riker, manager.

The minor sports, such as swimming, boxing, baseball, etc., flourished during the past year. Much interest was shown in these sports and it is expected that they will be permanent functions at Tri-State in the coming years.

It should not be long before the various teams will compete with other Colleges, and a good showing is expected of them.

These minor sports afford the students the opportunity to indulge in their favorite sports. Very good material is always available at Tri-State College.

# *Basketball '28*

BASKETBALL is the major sport at Tri-State College and it enjoys the full support of the faculty and student-body.

The team of 1928 had a good success, although it was handicapped through being forced to change its coach during the middle of the season.

The team won the return game played with the International College of Fort Wayne, after losing the first game.

The Detroit City College team proved to be too strong for the Tri-State team at the first game. At the second game, played at Detroit, Tri-State College's team displayed fine sportmanship and technique, but was unable to overcome the lead of four points, scored by Detroit City College.

Tri-State lost against both Adrian College and Anthony Wayne Institute, but only by a very close margin. The team is to be complimented on the showing made against these two formidable opponents.

Home-games were played against smaller institutions of this section, and Tri-State College scored several decisive victories.

L. W. RIKER
F. L. SPARLING
D. RICHARDSON
D. W. BEARCE

## *The Team*

D. W. Bearce, (Forward)—Wherever the ball was, there was Bearce. As fast as the ball could fly, he could run after it. A clean fast player, a man of the team.

W. T. Cochran, a player worth while having on the floor. A cool player, always aggressive in his playing.

H. E. Johnson, (Forward)—"We want Johnson" was sure to be heard, when he was not on the floor. An ideal basketball player. Tall and fast, the essentials of a good player. A man that makes the team.

F. Rawlings, (Forward)—He showed the effects of good training and proper coaching. Clean handling of the ball as well as playing a good guarding game. "Raleigh," is a man to be watched while on the floor.

D. Richardson, (Guard)—Dick knew that the basket was made for the ball, and his graceful maneuvering of the ball surely proved it.

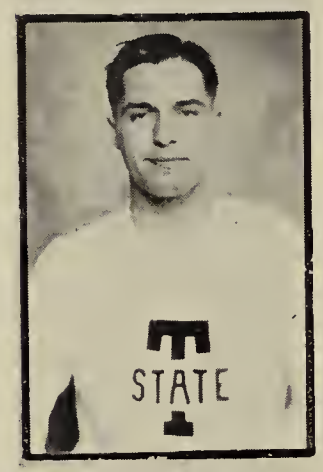
L. W. Riker, (Manager and Forward)—As well as a good player, Riker proved an exceptional manager. His interest in the team went a long way and due appreciation befalls him.

L. Ringelspaugh, (Center)—Big "Ringle" carried the brunt of things at center in the majority of games. His speed and shooting ability proved valuable assets to the team.

F. L. Sparling, (Center and Forward)—A more aggressive forward, and a better all around player than "Sparlie," has yet to be found.

R. Snyder, (Guard)—A hard battler on the floor when in action. A strong link on the team. He always served to the best interest of the team.

R. Ringelspaugh
W. F. Cochran
H. E. Johnson
F. Rawlings

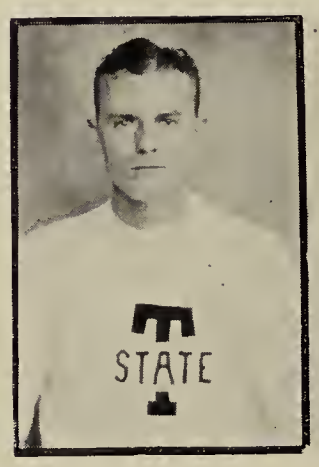



# *Baseball*

THE old problem of molding a squad into a successful team faced Coach Somerlot at the beginning of the season. Plenty of the old players were available and the new men showed ability, but as this was Somerlot's first year with the team, his task was great.

At the first of the season the diamond was being graded and leveled, so that the players could not calculate the bounding ball with any degree of accuracy, and this delayed the practicing of the players. The team started to practice late in the season and the men showed the lack of

C. G. OLSEN
W. F. COCHRAN
H. K. MCINTYRE
W. B. WILCOX

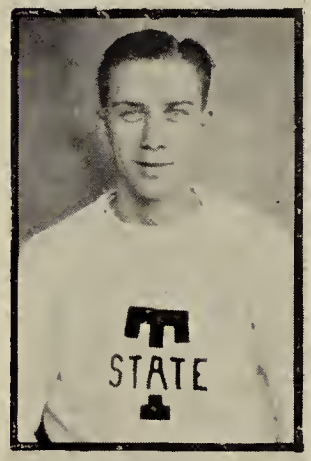


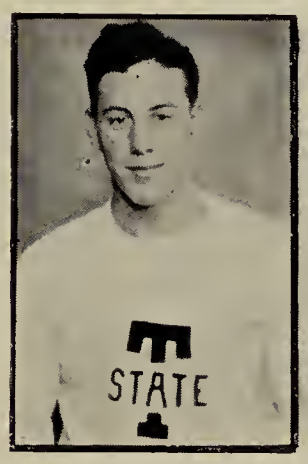

R. L. SMITH

L. W. RIKER

sufficient spring training. Due to the late start, only one game with Alma College of Michigan was played.

Coach Somerlot resigned at the end of the season, and "Druck" Miller was selected for this position. Miller has wide experience in baseball and is expected to whip the team into good shape by the opening of the 1929 season. The players were able to devote more time to training, and the team looks very promising. Several games were played this spring, and Tri-State made a very good showing so far. The national past-time has many devotees both at the school and in Angola, and the games are well attended.

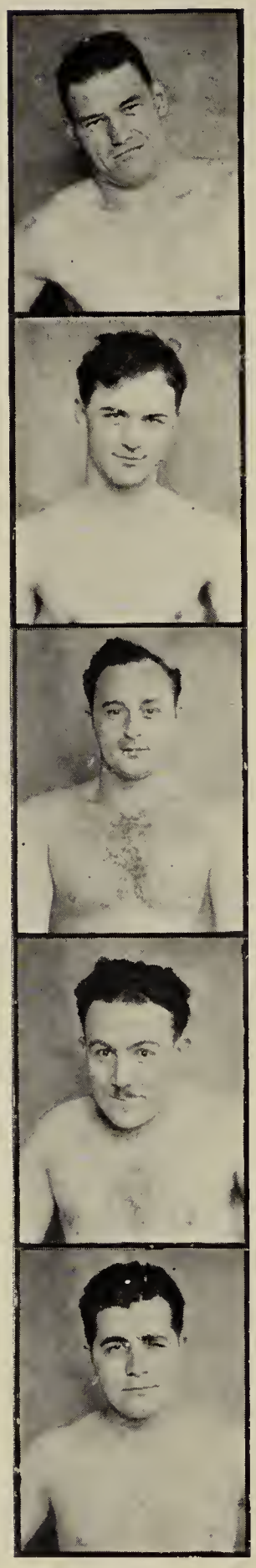



E. V. Sutton

J. A. Urso

H. G. Otte
H. Schaeffer
J. VanNorstrand
R. C. Garbi



H. B. Sornborger
M. J. Schott
H. Schaeffer
L. W. Riker
G. T. Lucas

# *Wrestling*

The wrestling team, led by George Lucas is one of the strongest aggregations of mat-men that the College has had. With Schaeffer, Sornborger, Urso, and Schott back to support the team, wrestling should have an exceptionally good year at Tri-State. The squad must bid farewell to an outstanding mat expert, "Pete" Riker, who graduates this year.

# *Boxing*

THE Boxing Team is a comparatively new organization at Tri-State, although in the past, students who were lovers of the fistic art, engaged in unofficial contests and went through training merely for recreation. The popularity of this sport has so advanced, that it was deemed advisable to form a team this year. George Lucas, former Purdue star, heads the powerful aggregation of sluggers, which include "Big Boy" Sornborger of Peddy Prep and Jimmy Shevilla of New York. In the light ranks, Urso has some able fighters in Don Craft of Virginia; Bob Giene of New York and Duke Brisco of Canada. Urso promises the pugilistic fans an opening season of real merit.

E. V. SUTTON
G. T. LUCAS
D. EVZEROW
J. A. URSO
H. B. SORNBORGER

O. B. Smith
M. D. Wahlgren
H. C. Conners
W. M. Lehmkuhl
J. J. Scanlon

# *Rifle Team*

WHILE strolling through one of Steuben County's main jungles with his dog and gun, our honorable Dean, "Bill" Pfeifer received a real thrill. As he emerged into a clearing, Prof. Bill beheld advancing upon him, what appeared to be a ferocious division of the Prussian Rear Guard; however, to his relief, it only proved to be a few members of the Tri-State Rifle team, led by their able leader, Captain Wahlgren. Captain Wahlgren, who hails from New York, and owns a collection of medals that would weigh down an army mule, is an able leader for the "Dead Eye Dicks," and with the help of Coach Pfeifer, he ought to turn out a team that will do much

toward filling the trophy case. Among the outstanding sharpshooters under the leadership of Captain Wahlgren are: A. B. Smith, of Georgia Tech., a gun-toting rebel of no mean ability; Hal Conners, a marksman from Minnesota; J. J. Scanlon of New York; Don Craft of Virginia and R. N. Anderson, a gunman of no little fame, who hails from the home of the art, Chicago. Last but not least, come George Gill from Alabama, and Captain George Dawe of Ohio, the famous pair of rabbit hunters. The team will feel the loss of Dick Koos, who will travel back to Winconsin this June.

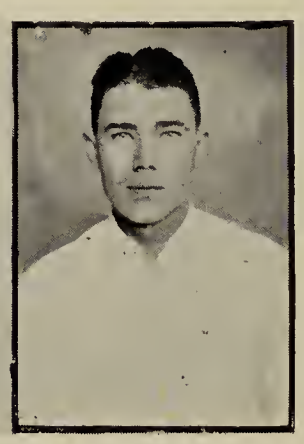
J. D. Eros
R. Koos
D. K. Croft
G. Briscoe
R. N. Anderson

# Golf

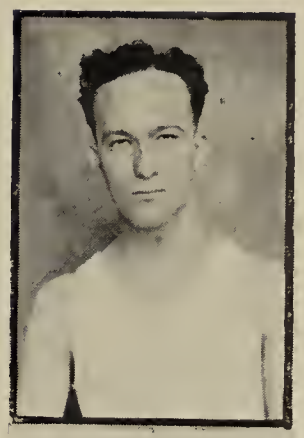
THE Golf Team, or that group of boys who get out and play tricks with a little white pill, under and over green landscape, went off with an early start. Despite the fact that this year's Cap and Gown ceremonies will rob them of two of their mainstays, namely, Wayne Cochran and Charley Deichmann, several veterans are back, and Captain-elect Mutt Sutton feels confident that the season will find Tri-State well represented on the Lake James course.

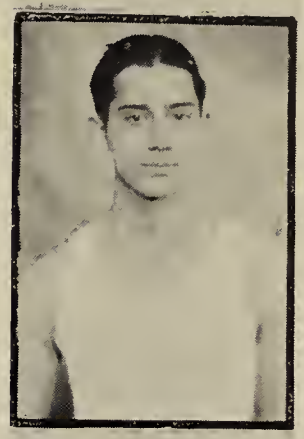
J. A. URSO
R. N. ANDERSON
C. W. DEICHMANN
G. T. LUCAS

W. A. COCHRAN



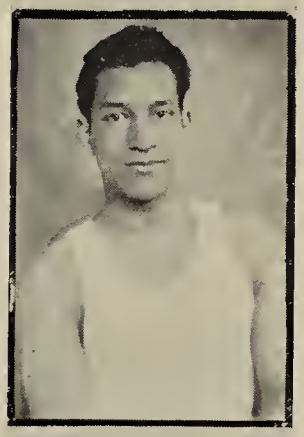
G. N. BRISCO

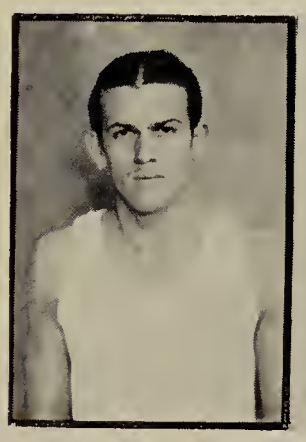




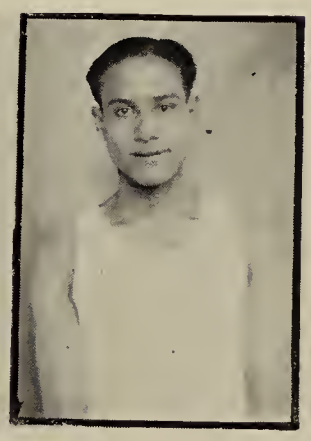
# *Swimming*

SWIMMING is a sport that is gaining greater importance every year, as a form of inter-collegiate athletics. The team is anxiously awaiting the opening of Steuben's lakes, so that they may get a little outdoor practice. This year ought to bring a great stride forward in this sport. Captain-elect Bengochea, who was formerly at the University of Havana, predicts a bright season. There are few who do not take advantage of swimming in the many beautiful crystal lakes of Steuben County.



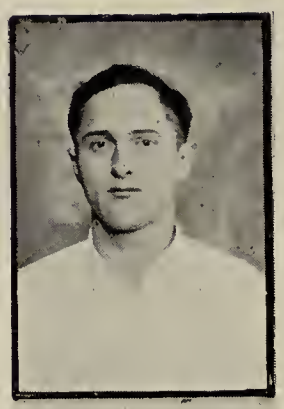


D. K. CROFT



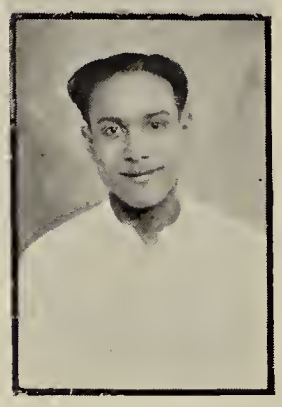
R. B. ROBLES

J. J. SCANLON
J. BENGOCHEA
E. FLETES
H. K. MCINTYRE

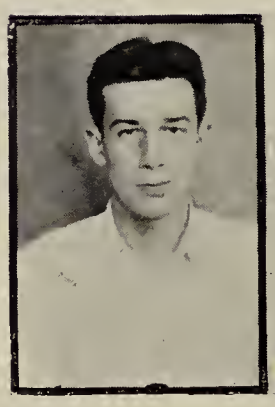


# *Tennis*

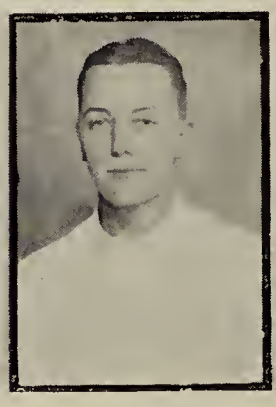
TENNIS is as port that has always occupied a prominent position on the campus. From early morn till twilight, there is always someone on the court taking advantage of the pleasing game, and beautiful environment. In the past Tri-State has boasted of many efficient racket wielders. Among those prominent on the court, and whom we regret to see leave, are Henry Otte and Charles Danakin, a pair that have made many an innocent bystander forget about his school lessons.



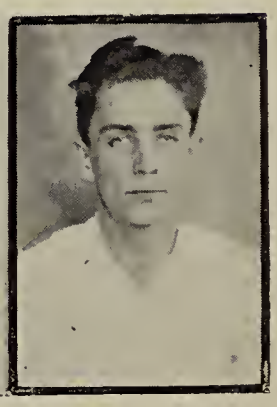
JULIUS EROS
C. VILLASUSO
S. MARTINEZ
A. ROBLES



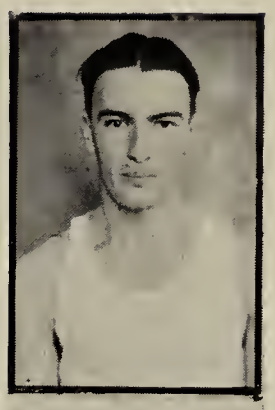
H. CONNERS

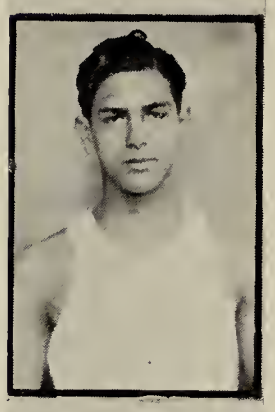


WM. LEHMKUHL



CARL OLSEN

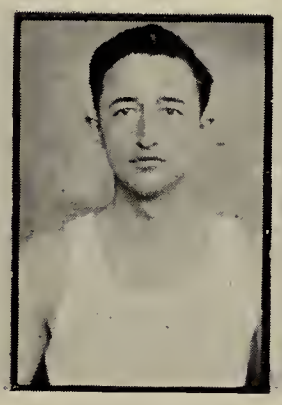




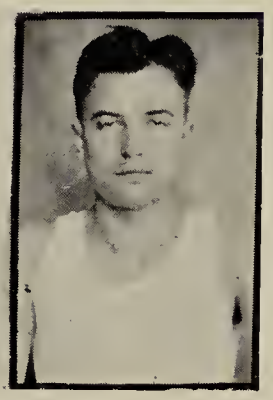
# *Track*

THE call for track and field men brought out a greater number of candidates than for any other minor sport. The extraordinary wealth of material is made available this year through the influence of new men, many of whom bring records from other schools. A wholesome infusion of this new blood will do much to boost this end of athletics. The team will feel the loss of Milt Ehret, crack dash-man, who graduates this year.

O. M. REINA



W. J. BAKER



W. D. FERGUSON

A. M. EHRET
I. MEGWINOFF
J. L. EDMONDS
D. EVZEROW

H. K. McIntyre
*Business Manager*

H. C. Conners
*Advertising Manager*

G. A. Romano
*Assistant Manager*

B. Handy, Jr.
*Treasurer*

H. F. Hawkinson
*Manager*

# *The Athletic Association '29*

A number of athletically interested students met early in the spring for the purpose of electing officers for the Athletic Association of 1929.

The interest in athletics among the students is constantly growing and plans for great developments are now being made by the association. The past year brought several new sports to Tri-State College and the teams of the various sports made very good showings.

The South American students particularly favor Soccer and if sufficient players can be secured, a team will be formed in this sport. Soccer is not as popular in this country as in Europe and Latin-America, though some American Colleges have teams and the Athletic Association will try to arrange games with such Colleges.

Basketball will be boosted during this year stronger than ever. The management of a team requires a great deal of time and in the past the members of the association and the players were unable to devote the required amount of time to these affairs. The Athletic Association will attempt to secure the best co-operation of the players and will start the team practising early in the season. It is the ambition of the association to produce a very successful team this year.

Baseball is being much promoted this spring and the team has made a very satisfactory showing so far. After a few more practise-games the players expect to hit their stride and to win games for Tri-State College.

The minor sports are being developed and the association aims to help this development as much as possible. These sports can be made to flourish with the proper interest and spirit.

The Athletic Association of 1929 expect to do its best in promoting athletics at Tri-State College and a very successful season is anticipated.

# Campus Life

# *Twenty-second Annual Banquet*

THE annual Engineers' Banquet, held February 23rd, 1929, was a marked success throughout. A number of old graduates, who came from far and near to attend this social function and the usual turn-out by the students, formed the large crowd which assembled at the Masonic Hall.

The hall was very pleasingly decorated with the Engineering Society colors, black and white. The orchestra, located in a decorated pit, furnished the music during the course of the dinner. The tables commanded a clear view of the speakers' table, a feature not always found at banquets.

Short addresses were given by members of the faculty and officials of the Engineering Society and the Banquet Committee. The main speaker of the evening was Mr. C. C. Whittier, W. S. E., A. I. M. M. E., a Consulting Engineer of Chicago and an officer of the Western Society of Engineers.

Professor Pfeifer was his usual self as toastmaster, a position he has held at many Engineers' Banquets. His witticisms and inimitable way of introducing the speakers kept the crowd in a jolly humor.

After the dinner a dance was held, which was very much enjoyed by the younger set. Novelty and tag-dances caused the time to fly all too quickly for them.

While the younger folks were enjoying themselves to the strains of syncopation, the Alumni took the occasion to greet their professors of yesteryear. Many reminiscenses were exchanged, the good old days at Tri-State recalled and the success attained by the graduates was discussed. To be able to return to their Alma Mater in a social way appeals to many of the Alumni.

To leave the cares of their professions and the business-world behind, to mingle with the young students, and to once more feel young; verily the Alumni cannot be blamed for desiring to attend this banquet.

The Twenty-second Annual Banquet will be remembered by many for its smooth functioning, the speeches, the dancing, the fun and the good-fellowship encountered there.

F. G. Coffin
CHAIRMAN

# Banquet Committee of the Engineering Society

1929

TRI STATE COLLEGE

VENZARA '29

E. Stokes
TICKET MANAGER

R. G. Clark
BUSINESS MANAGER

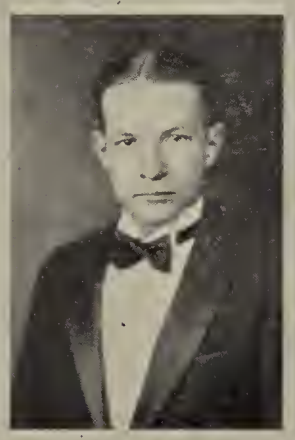
M. W. Stark
TABLE-MANAGER

R. Klobedanz
INTERIOR-DECORATOR

C. Deichmann
FLOOR MANAGER

K. Conners
ADVERTISING MANAGER

V. Simpson
OFFICIAL-GREETER



R. Wade
CORRESPONDENCE

# Stunt Nite '28

The Engineering Society sponsors annually the Stunt Nite parade and show, which last year was held on November 9th. The parade last year was one of the best ever held and the turn-out by members and students was very large. Stunt Nite provides a night of fun and frolic, enjoyed by both the students and the citizens of Angola.

The parade formed in the early evening on the Campus, and the march through the streets of Angola began. In the lead rode the Chairman of the Committee, wearing a black cardboard plug hat. He tried to appear dignified and apparently succeeded.

Next came the great city fire truck with its glaring lights and brilliant red color. It was loudly applauded by the freshmen, who thought that the fire-wagon represented the Administrative Engineers' float. The State Park Band, riding on a truck, followed and their music added to the pomp of the display and kept up a merry step for the boys who were marching.

The Chemical float came blazing along with every imaginable kind of fireworks. A fully equipped laboratory was installed on the float and a demonstration of government alcohol analysis was carried on.

The Civils presented a suspension bridge, thirty feet long, which was hauled by a truck, on which were several embryo engineers looking through transits and pouring over blue prints. The float was escorted by two men of the service using snow-shoes as a means of locomotion, while two others were prancing along on spirited ponies, thus showing the manner of travel as practiced in different parts of the globe by civil engineers.

A constant whirring of motors caused much excitement among the spectators. It was found that the Mechanicals had very cleverly and skillfully constructed a miniature zeppelin, which measured twenty feet, two and one-sixteenth inches in length and which was a perfect model of the Graff Zep, silvered propellor and all.

The Electrical float displayed what could be done by electricity when properly put to work. The technical details went almost unnoticed, because Miss Electricity attracted much attention from the stronger sex. Six tall, manly-looking examples of Electricals who wore full-dress outfits, commanded the glances of the fair young ladies of the community.

Several of the Fraternities were represented, and the most novel exhibit was shown by one of them, who used pledges dressed in pajamas and long ears to make them appear as mules, to draw their decorated buggy.

After the parade came the show, and a dance brought Stunt Nite to a close.

The following pages show views of the parade and floats.

# Stunt Nite Committee

V.E. Wilson

P. Burgett

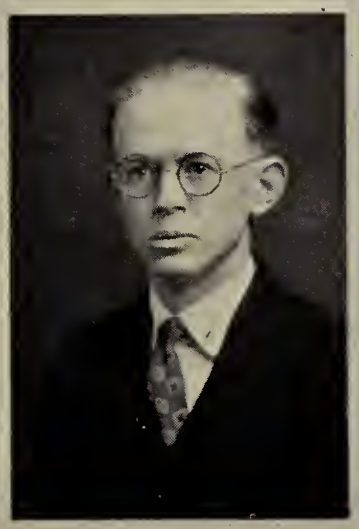
S. Hart

Wm. Powell

M. Stark

V. Simpson

W. Lehnkuhl



W. Walston

D. McFadyen

CHEMI

ΦΣX

"MECHANICAL'S"

MMERCE

# Stunt Nite Show

After the parade, the second part of the Stunt Nite program was presented. It consisted of nine acts of Vaudeville, not by professionals, but by students of Tri-State College.

Considering that the management and stage direction were in the hands of the students and that they supplied the talent for the show, a remarkably good performance was offered. Mr. V. R. Simpson, the show manager, is to be complimented on his direction.

The fun of the evening consisted of the following acts:
"Two Jelly Bumps" by Rubei and Jacobs.
Songs by Jack ClenDenning.
"A Tragedy in Four Words" by George M. Gill and Co.
"The Shooting of Dan McGrew" by Miller and Co.
"Spot Cash" by Pullmer, Carey and Nye.
"Bill Potts" and his quartet in comic song.
"Willie Priff and his Arkansas Travellers" by Pickens, Powell and Co.
The Acme Quartet in a mystery number.
"Farewell to his Classmates" by Jack Minahan.

Eck Shaul  Eddie Willis  Wayne Adams  Howard Todd  Lin Brown  Ward McCardel

# *The Tri-State Collegians*

The Tri-State Collegians were organized in the early part of last fall under the management of Lin Brown, who, by the way, hails from Jamestown, New York, and plays the banjo.

One by one the members were recruited. Indiana, Pennsylvania, contributed with its finest trumpet player, "Barney" McCardel. Then New York dropped a notch when "Ben" Todd nailed up the piano and galloped West. The latest addition is the drummer, who comes from way up North. Moose Jaw, Saskatchewan, where men are men, is his home-town and "Bud" McCurdy is his name.

Then last, but far from the least, came the two sax players, Wayne Adams and Eddie Willis. Both are native sons of Angola.

It was only a short time until the orchestra hit the stride. Then came success, in furnishing the music for all of the College functions, including the Engineers' Banquet and numerous fraternity dances.

Although this organization is young, it has been very successful. Next year it should be even more so, as at that time the orchestra will use the same members again. Vincent Lopez has nothing on the Tri-State Collegians.

# *"Dulcy"*

"Dulcy," by George Kaufman and Marc Connelly, was the 1929 presentation by the Psi Iota Xi Sorority of its annual home talent play. It is ever the aim of this sorority to sponsor a well known production that will be worth while both for study by the cast and for the entertainment of the audience. "Dulcy" under the very capable direction of Charles Edwin Shank was an outstanding success in every way.

Since the personnel of the cast was largely drawn from the Tri-State roll this play became to some degree a college activity.

Miss Ilah Shank deserves much credit for her interpretation of Dulcy. She won her audience completely on her first appearance as did Dorothy Long and Lurene Klink in roles well suited to each of them. Herbert Miller as Gordon Smith, Dulcy's Husband, Charles Deichmann as grouchy old Mr. Forbes, and William Powell as "Bill" played their roles to perfection. The scenarist, Virgil Simpson, and the pianist, Lyle Seward, who brought about the crisis in the plot deserve more than passing mention. Max Bales as the butler, David Hughes Jr. as advertising engineer and Burton Handy, Jr. as Blair Patterson were most convincing in their respective roles.

## THE CAST

| | |
|---|---|
| Dulcinea Smith | Miss Ilah Shank |
| Gordon Smith | Mr. Herbert Miller |
| C. Roger Forbes | Mr. Charles Deichmann |
| Mrs. Forbes | Miss Lurene Klink |
| Angela Forbes | Miss Dorothy Long |
| William Parker | Mr. William Powell |
| Vincent Leach, Scenarist | Mr. Virgil Simpson |
| Tom Sterrett, Advertising Engineer | Mr. David Hughes, Jr. |
| Schuyler VanDyke | Mr. Lyle Seward |
| Blair Patterson | Mr. Burton Handy, Jr. |
| Henry | Mr. Max Bales |

OWEN C. ABBOTT
*Motion Picture Operator*

VELMA APPLE
*Pianist*

# *Entertainment at the Engineering Society Meetings*

After the business session and the technical talks at the meetings of the Engineering Society, entertainment of lighter nature is offered to the members.

Usually one or more films on technical subjects are shown. The government and commercial companies supply these films. Such films are of special interest to the embryo engineer, as they show the manufacture, erection and technical data of various engineering projects.

The projection of the films is capably undertaken by Owen C. Abbott, who functioned as Motion Picture Operator during the past year.

The music during the showing of the films is rendered by Miss Velma Apple and her piano playing is much enjoyed by the members present.

A musical program is offered at most meetings and local talent appears before the Society. The music furnished is a pleasant recreation for the members and their appreciation is shown by the generous applause of such musical numbers.

# *College's Prominents and Activities*

On top of the hill, there stood a series of old buildings
That were known for a long time as the College of Engineering;
And in that well renowned institution of learning
Many students came as the graduates went after their training.

Yet still remained our most benevolent faculty
Who guided us in solving all the problems of difficulty;
For they are the technical apostles of Minerva
Who rewarded our great ambitions with beautiful ideas.

And now for sure, we, the seniors, will soon be going
On one of these days, on a coming bright summer morning,
For all our days within the tedious years of hard struggle
Will soon be over, and shall end our great life's trouble.

But all the under graduates still presumed and kept on,
And followed the long, long trail of the senior that had gone.
Perhaps it will take many years for them to reach the goal
Before they can complete the great ambition of their souls.

All of us were good friends and true brethren to one another
Under the charter of various fraternities and orders;
With the old slogan, "United we stand and divided we fall,"
Everybody will have a part and everything will be for all.

Our gigantic organization of excellent attainment
Had promoted all our understanding of social events
And the committees with the faculty as advisors
United us in one sincere law of their great councils.

We had participated in college days in many games
And won plenty of honors with trophies many times.
The game, won or lost, still we kept the temper of sportsmen
With lots of good humor and always smiling just the same.

These were the great activities in our college life
That fill up with pleasure of many a pure delight;
For these were the ageless wonders to our immortal pride
That almost from time to time we shall never forget.

And all our brilliant deeds consolidated in achievement
Will be the divine inscription to our temperament;
For the Class Poet wrote his great master piece in poem
From all our best college activities and fulfillments.

Now we shall have the best souvenir that is worth something
To our last generation in this paradise of all being;
For our good Editor treasured all our great accomplishments
In one big volume for nineteen hundred and twenty-nine.

# Familiar Scenes

"Prof Moore"

"Prof. Parrott"

"Prof Neithous"

# FACULTY SNAPS

"Prof. Collins"

"Prof. Handy"

"Prof. Ott"

"Prof. Sherrard"

"Prof. Pfeiffer"

# Indoor Sports

# Senior Snaps

DAVE

MARTY

ANDY

MAC

DAL

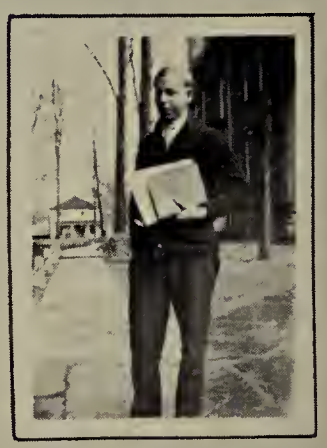
NICK

HOT-SHOT

ED.

BOB.

JIM



ED.

# Outdoor Sports

# Senior Snaps

"SHEIKIE"

"BIG SHOT"

"RED"

"TOUGHIE"

"BENNIE"

"AMBITIOUS"

"STEINMETZ"

"HAPPY"

"VAN"

"WHITEY"

"ROBLES"

# OUR INSPIRATION

"LOUIE"

"GEE"

"LAURIE"

"RED"

# Senior Snaps

"PLOW JOCKEY"

"ABIE"

"MAC"

"WILDER"

"GLEN"

"IRISH"

"FATTY"

# Sigma Mu Sigma

"ARCHIE"

"JIM."

"DAN"

"JIMMIE"

# Senior Snaps

"CHICKEN."

"COOME."

"TONY"

"DIZZY"

"TED"

"THE DUKE."

"COVA."

# "OUR-GANG"

"RED"

"HUD"

"RUFUS"

# Commercial Snaps

"PETHY"

"BLONDY"

"FOS"

"EARL"

"RALPH"

"LOYD"

"LOU"

"VIV"

"BILLIE"

MODULUS
C.KRASSOV.

"HARRY"

"St. ELMO"

"VAN"

"CICERO"

# Senior Snaps

"VOS"

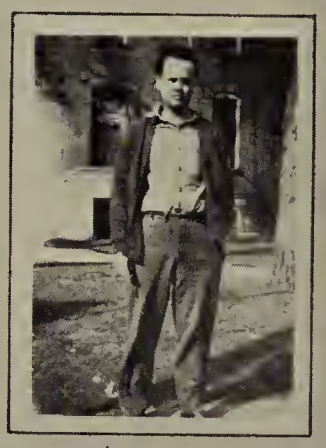
"Bill"

"Pick"

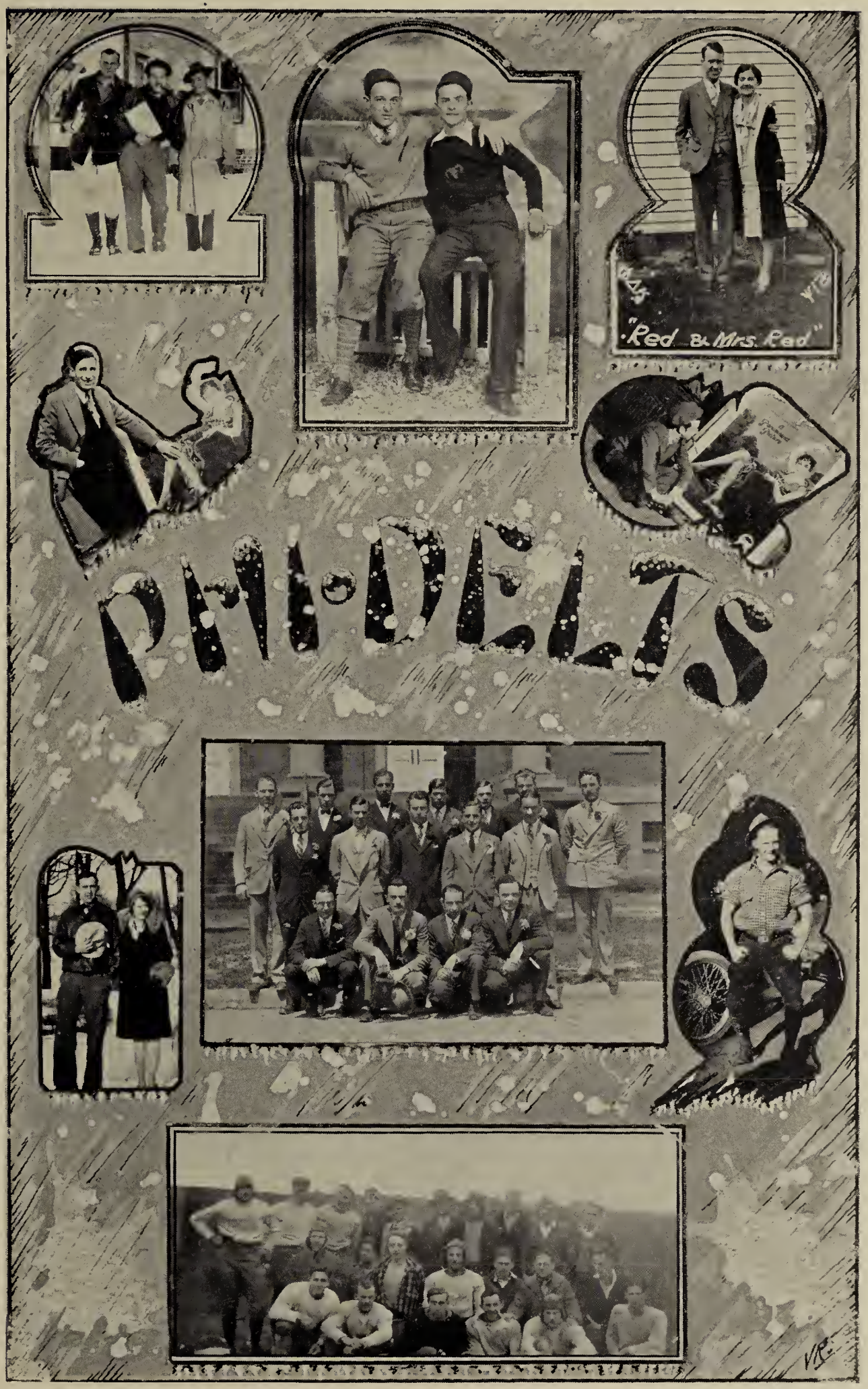
"Bill"

"JOE"

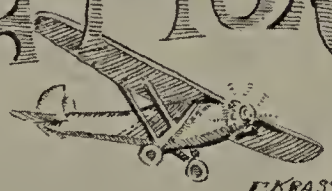
"DEAC."



"MAC."


"Red & Mrs. Red"
PHI-DELTS

# AVIATION



E. KRASSOV

TRY STATE FROM THE AIR

Sailors
Gill
Becker
Mc Eachin
Walston
Johnson
Levi
Gilberty
Charle Noble
Stant

"TOM"

"DOM"

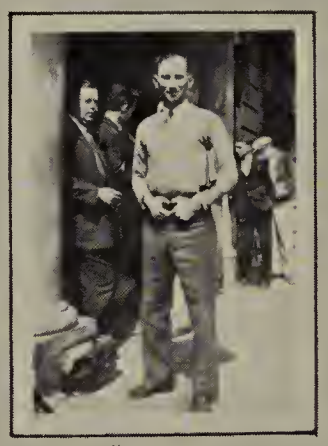
"JACK."

# Senior Snaps

"OWEN"

"LONG TOM"

"RICK."



"DAN."

"LYLE"

"DEACON"

"SMILES"

"JUAN"

MECHANICAL'S
MAPLE GROVE
TOURIST CAMP
SUPPLIES

"Eddie"

"Louis"

"Ray"

"RaLph"

# Senior Snaps

"Skipper"

"MiKe"

"CLem"

"BiLL"

"JuLes"

"Foul-BaLL"

"ShieK"

GAMMA
SNAPS

"CHET"

"SANDE"

"MUTT"

"CHARLIE"

# Senior Snaps

"BRUNO"

"SHORTY"

"ANDY"

"DALE"

"Fitz."

"AL"

"Tuck"

# Phi Sig Snaps

HERE

# "Why Fellows Write Home."

# Senior Snaps

"Pete"

"Norm"

"Jim"

"Bill"

"Mike"

"Ollie"

"Clyde"

"Chuck"

"Bill"

"Pete"

"Giff."

BETA SNAPS
B Φ Σ
CAFE

# Senior Snaps

"STEINY"

"PETE"

"SPECKS"

"MAJOR."

"BOB."

"BOB"

"VINC."

"BEN"

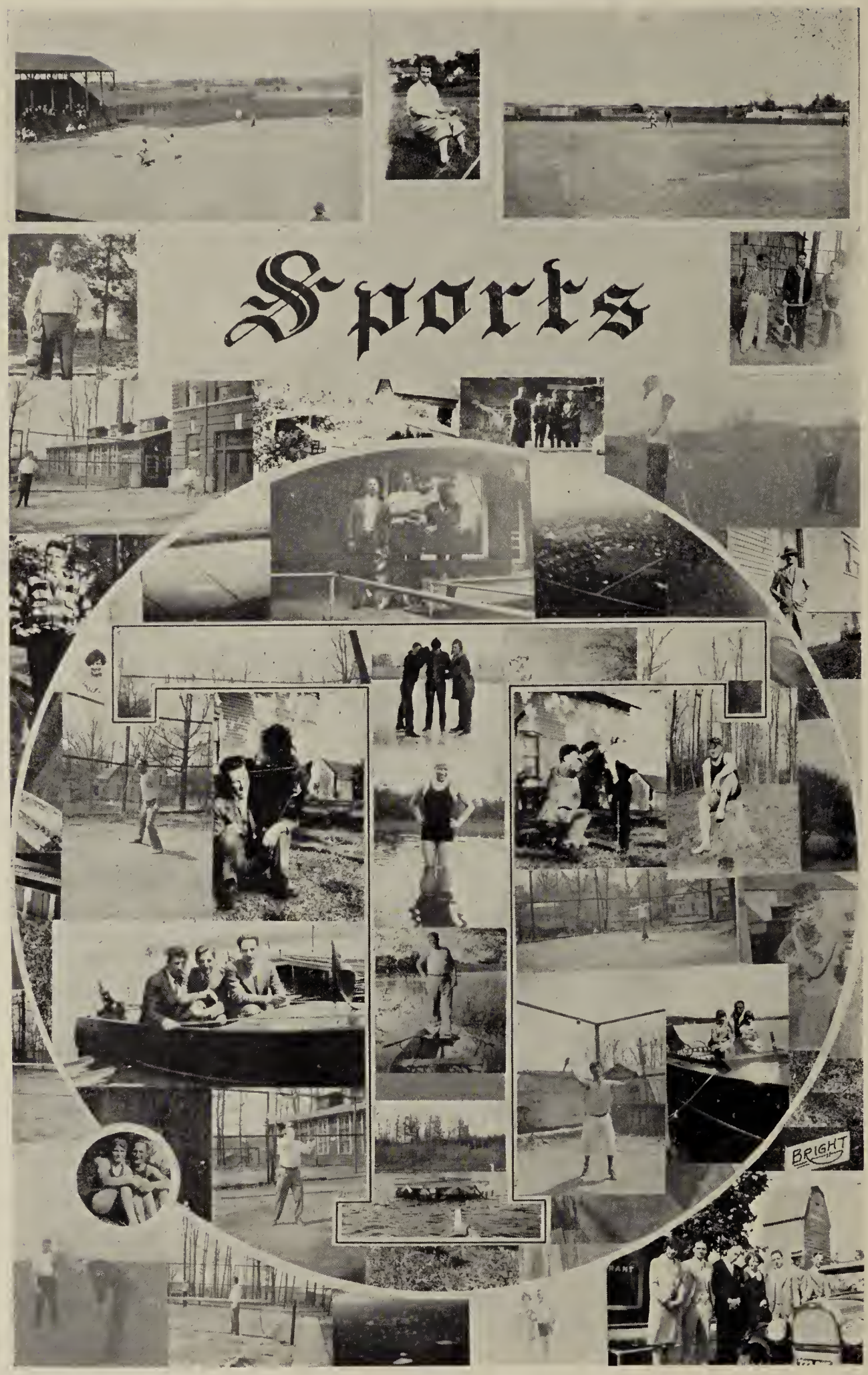
"COTTON"

"BILLY"

"CHRIS."

ΔΦΕ
Ye LAMBDA Snap

# Sports



# Miscellany

# *An Appreciation*

The production of a year book is not financially practical without the assistance of the advertisers.

The Modulus takes this opportunity to thank the individuals and firms, whose names appear in the following pages, for their co-operation.

Their products and services are commended to the attention of our readers.

# The MADATUS
## of 1929

# Potawatomi Inn---Pokagon State Park

On State Road 27—5 Miles North of Angola

### An Ideal Place For Your Week-End Party

Potawatomi Inn is a modern structure of stucco, electric lighted and steam heated. There are numerous huge fire-places that add both to the comfort and beauty of the lounge and assembly rooms.

Unlike most of the northern lake hotels that only operate during the summer season, Potawatomi Inn, Indiana's finest State Park hotel will operate summer and winter and provide comfortable headquarters for those who find delight in the lake country when the land is gripped in snow and ice.

We are at your service at any time for banquets, dinners, dances, bridge and week-end parties, featuring FISH, GAME, STEAK and CHICKEN DINNERS.

Give us a call or send us a line; we will appreciate any friendly effort on your part in helping us to encourage this enterprise.

Potawatomi Inn already has a wide and deserved reputation for the excellence of its table.

WERNER JANKIN, Mgr.

## DEDICATION TO THE ENGINEER

Who treads the path no man has trod?
Who wrestles with the chain and rod?
The Engineer!

Who racks his weary brainbound fate?
Those corkscrew curves to integrate?
The Engineer!

Who spills the $H_2SO_4$ upon his clothes
And on the floor; fumes in his eyes
and up his nose?
The Engineer!

Who cuts off fingers in a lathe?
And daily in the oil doth bathe?
The Engineer!

Yet thinks not sadly on thy lot
Tho' hard it be, thy way is not
Among the lilies fair, nor in
The senatorial chair, but grin
And listen to the Prof's tirade,
For by your kind the world is made.
The Engineer!

The Auburn Line
— of —
**Personal Greeting Cards**
— and —
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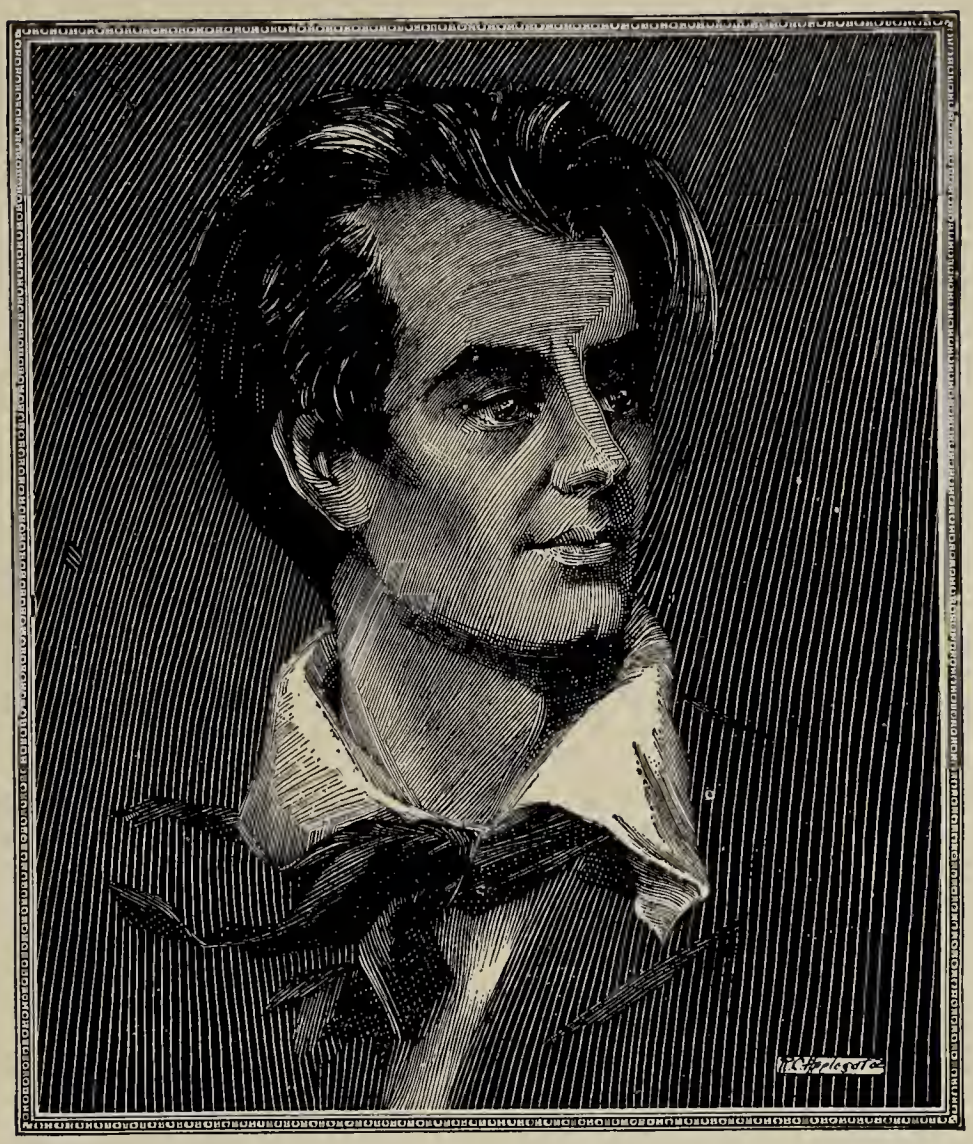
We are particularly interested in securing college students as special representatives for our line of Personal Christmas Greetings with name to order. Your inquiries are invited.

**Auburn Greeting Card Company**
Makers of
Engraved and Processed Greetings
AUBURN, INDIANA



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The Ideal Year Book is a portrait of school life expressing the personality of the institution which it represents. The Indianapolis Engraving Co. through its *Annual Planning & Service Department* can help you express in your year book the true personality and tradition of your school

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This Book Engraved by

*The* Indianapolis Engraving Co. *Wulsin Bldg.* Indianapolis

THE SENIOR'S SOLILOQUY

Break, break, break;
On the cold gray stones, oh sea;
I wonder where the Heck,
A month from now I'll be.


# LESTER SHRIDER

MEATS OF QUALITY

**Free Delivery**

Phone 182

# RANSBURG BROS.

PLEASANT LAKE, IND.

Hart Schaffner & Marx Clothing
Keith Hats Avondale Shirts

W. L. Douglas and Queen Quality
Fine Footwear

Ladies' Ready-to-wear

Floor Coverings and Draperies

# THE CITY OF ANGOLA

Extends
its best wishes
to the students and faculty of
Tri-State College

# *Our Own Hall of Fame*

Ebenezer Lukewarm Boys, *St. Mary's Home, Ohio*,
Chemistry Unknowns; Politics.

Demetrius Hannibal Casket, *Cran Fisco*,
Steuben Fishline Association; Thursday Afternoon Tea Club.

Rurik Obed Clubdance, *Running Water, Conn.*,
"It" Club; Tappa keg pledgemaster, Bill Darling Fraternity, Equinox Club.

Dionysius Blaise Itchingshave, *Siraacuss, N. Y.*,
Cheer-leader for 6 o'clock class; No-cigarettes crusader.

Marcellus P. Lark, *Buy-a-lot, Fla.*,
Price-Student, Bicycle squad; Night Hawk Club.

Knute Swede Levineson, *Windy City*,
Freshman Counselor; Tappa Keg Pledge, Poker Team.

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ANGOLA, INDIANA

4% INTEREST ON CERTIFICATES OF DEPOSIT AND SAVINGS ACCOUNTS

No Account Too Small To Receive Careful Attention

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DENTIST

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DENTIST

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ATTORNEY-AT-LAW

DR. J. E. KRATZ
OPTOMETRIST

Best Wishes from
An Angola Physician

## *Our Own Hall of Fame (Continued)*

ERASMUS G. LOOSEHER, *Across the Border, Mich.*,
Peg Leg Club; I Eta Pi.

WINNEFRED RUFUS PANS, *Smoky City*,
Golf Club; U-Smoke; Red Hats.

GUISSIPPEE PLATINUM RAMONA, *Prudence, R. I.*
Stay-at-home-Club; Tri-State's woman-hater; Jumping Team.

MARMADUKE WILHELM STRONG, *Roquefort, Ill.*,
Ping Pong Team; Dominoes Wildcats; Irish Club.

ARCHIBALD FERDINAND VINZONE, *Cicero's favorite son.*
Marble Team; Model.


# Life Insurance As You Have Need For It

One of the most important uses of Life Insurance is for protection. It is not advisable to take on too much at first, perhaps enough to cover an emergency-expense, or enough to pay one's indebtedness and expense incurred in case of death.

After graduation you will see the need for more Life Insurance. Buy it in proportion to your needs and income. Buy carefully and plan your future life insurance program with care.

I am always glad to explain, and to suggest a life insurance program. I am also in a position to obtain for you a policy that will best fit your needs and wants, with the EQUITABLE LIFE INSURANCE CO., OF IOWA, an old line company.

## L. A. OTT

THE BOARD OF DIRECTORS

OF

TRI-STATE COLLEGE

Expresses Its Appreciation

Of The Splendid Work Done By

The Modulus Staff

## ONE SURE THING

If at early morn the sun shines,
If at noon the skies are gray,
And at night the rain and snow falls,
It's a real Angola day.

If the wind blows thru your sheepskin,
And your visage feels like leather,
If you're first all wet, then frozen,
It's the true Angola weather.

This book is cased in an S. K. SMITH COVER—
a cover that is guaranteed to be satisfactory and is created and SMITHCRAFTED by an organization of craftsmen specializing in the creation and production of good covers. Whatever your cover requirements may be, this organization can satisfy them.

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## *Our Own Poet's Corner*

C. E. NESSELROAD, *Poet Laureate*

### A BUM

Oh for the freedom of a bum.
A dirty, lazy, rotten bum;
Who chews all day peppermint gum
And hopes for better times to come.

Who often sings himself to sleep
When near a forest soft and deep;
And in the end dies like a man
Sitting on a garbage can.

GIFFORD HOTEL

STRICTLY MODERN

Good Place To Eat And Sleep

Opposite N. Y. C. Depot

WATERLOO, INDIANA

Reliable Radios, Pianos, Phonographs

And Everything Musical

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# Young Men's Suits for Graduation

## Special Models—New Materials

We are prepared especially for the coming diploma days—not by setting a part of our stock aside for the occasion—but by bringing NEW suits in.

Stunning models—handsome fabrics—and if we have our way about it, the class of 1929 will be the best looking lot of youngsters you ever saw together.

Dad's bank account never shivers in this Young Men's department at any time—and the values in these new suits spring a pleasant surprise in the low prices of

## $22.50 to $29.50

THE SHIRTS—HOSIERY—BELTS
UNDERWEAR—NECKWEAR

**PATTERSON'S**
DEP'T. STORE
ANGOLA, INDIANA.

## THE JACKASS

The jackass stood in the middle of the road
As contented as could be;
A Ford came along with a heavy load,
Like an old sail-boat at sea.
The Ford slowed down and waited for
The old jackass to move;
The quadruped just looked and brayed,
He wagged his tail and there he stayed,
Hurrah for the jackass mule.

We wish you Bon Voyage on the sea of success

CENTRAL CAFE

Stop in and see us, when in
COLDWATER, MICHIGAN
Opposite the Arlington Hotel

We take this opportunity to thank the students and the class of 1929 for their patronage and co-operation in making the photographs for this "Modulus".

CLINE'S PICTURE SHOP
ANGOLA, INDIANA

## LAZY

It's wonderful to be lazy,
To carouse with the time all your own;
You can laugh at the rest of the world
As they walk from their work to home.
You are the master of your time,
But, if ever you have to moan,
Don't lament to the working man
Because you have no home.

DELCO-LIGHT
Farm Electric Service
A product of General Motors
F. E. ROBERTSON
ANGOLA, INDIANA

Pool and Billiards afford the best of recreation when played at

LOVE'S

ANGOLA MAID CIGARS

COMPLIMENTS

JACK'S COLLEGE INN

Just Off The Campus

## BASKETBALL

TRI-STATE'S golden five ended the 1929 season in great style with a thrilling last victory over Valparaiso, 327 to 38. It was so close throughout the whole game that until the last few minutes of play could the winner be decided.

Johnson was the star the first quarter, having knocked out three players. So difficult was the shooting of baskets that until Sparling used a little English and the aid of gravitation could any points be made. The first quarter ended with the opponets in the lead by a 12 to 6 score. During the rest period the boys had a chance to take the Old Gold test and came back fully charged. Snyder caught

(*Please turn to page 262*)


# COLLEGE SHOP

Dry Cleaning, Repairing, Pressing

Suits Made To Order

Phone 227

# T. S. C. Students

We want to thank you for your friendship and patronage during the past two years. We have always been for the students and want to for all the time to come.
Allow the feeling between us to be mutual as it has been in the past.

KOLB BROS.
DRUG STORE

# THE GOLDEN GARAGE

Car Washing

Greasing and Polishing

# THE COLLEGE BOOK STORE

College

Books and Supplies

Seal Stationery

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And

Outfits for Draftsmen

We Are

Authority On These Items

Northwest Corner

Commercial Building

## WILLIAM A. PFEIFER

MANAGER

BASEBALL

the ball on the jump off and running the length of the field he easily made the basket. Due to the fact he took an extra step his shot was disqualified. Leslie, one of the stars, was caught off guard looking at our fair coeds. Two personals was counted against him. Half ended in a tie 30-30 score.

(*Please turn to page 264*)


# HOTEL HENDRY

STRICTLY MODERN

COFFEE SHOP IN CONNECTION

# WELDON'S LANDING

LAKE JAMES

We Serve The Best—Dancing Every Night

Bledsoe Bros.

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Manufacturers of

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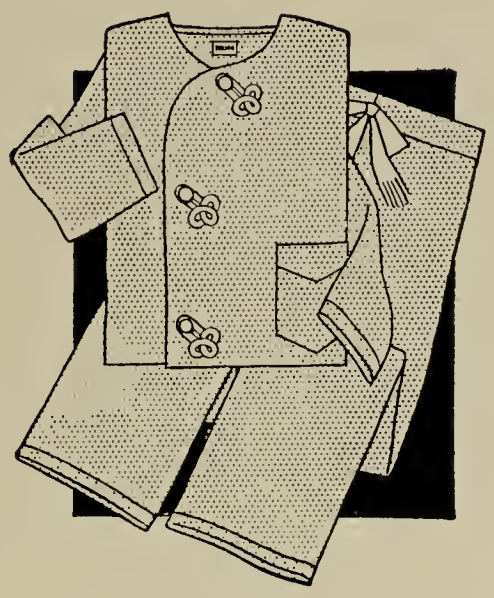
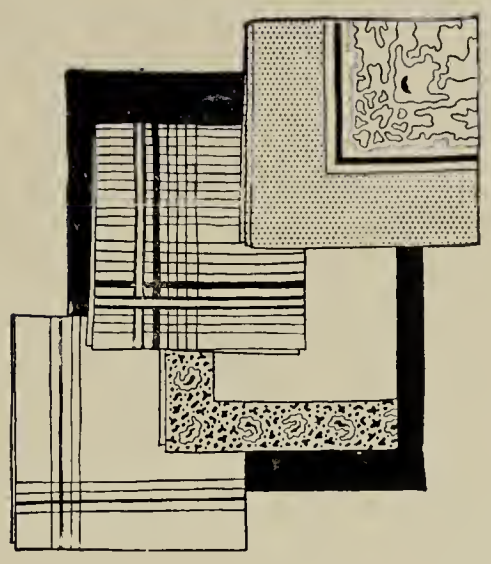
"Known Wherever There Are Schools and Colleges"





# JARRARD'S TOGGERY

We are exclusive agents in Angola for
Wilson Bros. Fine Furnishings

Fine Hosiery 25c to $1.50  Neckwear 50c to $2.00

Golf Hose of the better sort 50c to $5.00

Handkerchiefs 10c to $1.00  Pajamas $1.50 to $5.00

Wilson Bros. Shorts 50c to $2.00

A complete showing of young men's suits ..... $21.00 to $45.00

Our better clothes are made at Fashion Park,
Charter House College Clothes ..... $35.00 to $45.00

Portis and Stetson Hats ..... $ 5.00 to $ 8.00

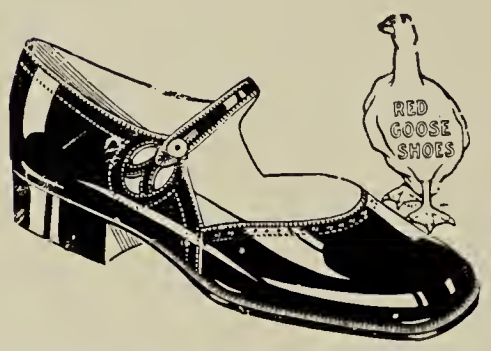
"A Step Ahead"

# JARRARD'S TOGGERY

TENNIS

With some fancy cue work Tri-State was able to assume the lead again. With only four minutes to play and just a four men team Tri-State put out their best and through the shot put in time after time. Valparaiso center got the ball once but was tripped easily which helped Sparling to score three baskets. The game ended just in time as Steifel's Ingersoll stopped. Only fourteen men were hurt. A good time was had by all.

You will need good shoes in all walks of life




Success is yours, if in shoes from

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Angola, Indiana

KRATZ DRUG STORE

Established 1885

THE REXALL STORE

Eastman Kodaks and Films
Hagan Golf Clubs

Spaulding Athletic Goods
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"When better films are made
they will still be Eastman"

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GENERAL MERCHANDISE

We Solicit Your Trade On A Quality Basis

See Us First For Good
Merchandise Economically Priced

A pleasant meal awaits you

at

BEATTY'S CAFE

# CENTRAL MEAT MARKET

**Fresh and Salt Meats**

Free Delivery

**Phone 20**

May the class of '29 go into the world
with a clean shave from

## C. L. MOTE

BARBER

## Angola Co-op Dairy Products Co.

Invites you to try
the supreme quality

MIDWEST
ICE CREAM AND BUTTER

# TRI-STATE COLLEGE

*Angola, Indiana*

1. Forty-five years of successful and efficient service to students from all parts of the world.
2. An education at minimum cost. Low tuition rates and living expense.
3. A strong and efficient corps of teachers who give personal attention to students.
4. High school graduation not necessary for entrance. Classes given in required high school subjects every term.

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1. An intensive course embracing mathematics, science and technical subjects.
2. Departments: Civil, Electrical, Mechanical, Chemical, Administrative.
3. Degree granted on completion of course.
4. Length of courses: Two years of 48 weeks each.

## COMMERCE

1. Comprehensive, Intensive and Practical Training for Business. Time required—two years of 36 weeks each.
2. Courses offered in Business Administration, Accounting, Secretarial Science.
3. Degrees offered: Bachelor of Science in B. A., Acct., Sec. Science.
4. Courses especially built to meet the needs and demands of modern business.

**Enter: Sept. 30, Jan. 6, March 26, June 9**

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# The Engineering Society

## Tri-State Branch of the Western Society of Engineers

Publishers of the

"Modulus" and "Integral"

## TO MY FOUNTAIN PEN

Oh ye jugular vein of blue,
Barrel of ink with work to do.
You have been my pal through thick and thin,
Your pricking point has been worn thin.
And still no kick or fuss from you,
You write as though you were quite new;
And ye, oh pen, I worship thee,
Forever 'til eternity.

COMPLIMENTS

of

SIGMA MU SIGMA

## PUBLICATIONS

*Expense Account of 1929*

DIFFERENTIAL

| | | | |
|---|---|---|---|
| InterfraternityFormal Dance | $ 9.87 | 4 Gallons Gas | 1.00 |
| Fly Paper | 3.68 | Refreshments | 3.21 |
| Art Work | .22 | Entertainment for Staff | 4.35 |
| Tips to Janitor | .10 | Hush Money | 673.00 |
| Pencils | 36.00 | Trips to Fort Wayne at $3.00 | ??? |
| Grease and Oil Typewriters | 3.28 | Cleaning Office | .50 |
| Keg Dance | 13.27 | Miscellaneous | 722.38 |
| Refreshments | 3.21 | | |
| (Blue) Roadster (Bus Manager) | 5.27 | Total | *Try this on your adding machine* |
| 2 Quarts Oil | .50 | | |

COMPLIMENTS

of

PHI DELTA KAPPA

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## Attention
## Tri-Staters

The spring season is on—that is, our new Spring Wear is arriving daily. Drop in and see the new Hart Schaffner & Marx Suits, Keith Hats, Emery Shirts and High Mount Neckwear at

# STIEFEL'S

## TYPICAL REPORT CARD

*John Doe*

| | |
|---|---|
| Calculus | D |
| Poker | A |
| Mechanics | F |
| Craps | A+ |
| Bridge Design | E |
| Concrete | D |
| Swimming | B+ |
| Diving | A |
| Dancing | A++ |
| Spooning | A— |
| Bull Sessions | A+++ |
| Sleeping | A(+) |
| Study | O |
| Conduct | Poor |

COMPLIMENTS

of

PHI SIGMA CHI

# MAST BROTHERS

MEATS

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ANGOLA, INDIANA

HOW AN ENGINEERING-STUDENT WRITES TO HIS DAD—

Dear Pater:

How is everything, old topper? Still able to hold your own? I received your check last week and am now low again. Have been stepping out pretty much lately. Had to integrate my last five dollar bill in order to make it last. Used the wrong limits when I cashed the check.

Big prom coming off next week. How about loaning your Tux? I wrecked mine the other nite at a party.

School is coming along good. Last report I heard they expect a good dividend. I managed to attend a few of the classes. Have a golf engagement with my math prof, next week. I know for sure I will get by in math then. The following week the Chemistry prof and I are going out fishing. That just leaves two to go. I have some pretty good notebooks in those two, so I won't have to worry about flunking this term.

Next week I am going to be initiated in the I Tappa Kegs. Send fifty bucks as soon as possible to cover dues.

I believe this covers all the important news and events.

Sincerely,

Your Engineering Son

COMPLIMENTS

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Director

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Angola Indiana

HOW A DAD ANSWERS HIS ENGINEERING SON—

Dear Bud:

What do you think I am, the Federal Treasury or the U. S. Mint? You seem to think at every turn you make you need a check. Say, son, you have spent enough so far to pretty near buy the place. See that the enclosed check lasts at least two weeks this time.

In regards to the Tuxedo, you are out of luck. Big stag on at the club the same night as your prom. Borrow one from some brother keg.

According to the report I received from the school it doesn't seem to corroborate with your report. If you flunk this term, it means your allowance is stopped.

In case you can't integrate your problems alright, send them in to me. I have a pretty good notebook I used when I went to school.

What is the big idea of joining another frat? Isn't one enough? Everything is going along pretty nice in the old home town. Got a job for you when you get through. Take good care of yourself.

DAD.

COMPLIMENTS

of

THE COMMERCE CLUB

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Do not choose a staff, but try to do the work all by yourself.

Wait for articles and photos to be handed in.

Never rush the artists, there is always next year's book.

Select the best engravers and printers in the country, and then be governed by their promises.

Leave everything till the last week.


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Or

OPERA HOUSE

## WHAT THE STUDENT THINKS ABOUT

(1) Last night's date.
(2) If a check from home will come soon.
(3) Wonders if he needs a new suit.
(4) Wishes he could be on a train, going home.
(5) Tomorrow night's date.
(6) Should he pledge to a Frat?
(7) Hopes to meet the new girl he saw on the street.
(8) His studies.

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Choose to work for a big company, where there are many aspiring for the high positions.

Work faithfully for the success of the company, give it the last bit of energy in you.

Save your money till you have a hundred dollars. Buy a new suit, meet the boss's daughter, marry her, and then you will be a success.

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HAIR CUT AND SHAVE

Ask the Man That Had One

# *The* INTEGRAL

*Official Publication*

*of the*

*Engineering Society*

*of*

*Tri-State College*

*The production of*

# THE MODULUS

*of 1929*

*was in the capable hands of*

| | |
|---|---|
| Fort Wayne Printing Co. | *Printing* |
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| S. K. Smith Co. | *Covers* |
| Cline's Picture Shop | *Photographs* |
| Fred E. Burt | *Snaps* |

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Park, Wilfred A. - - - - 95
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Pifer, Marion J. - - - - 96
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Powell, W. J. - - - - - 96
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Radcliff, Glen J. - - - - 96
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Rankin, L. E. - - - - - 96
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Schoenfield, Clifford J. - - - 97
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Swentek, Harry J. - - - 100
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Tarbell, James - - - - 100
Todd, Howard F. - - - - 100
Triano, Anthony J. - - - 100
U'Halie, Nicholas - - - -101
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Chang, L. C. - - - - 110
Davisson, Fred C. - - - - 110
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Harter, Maynard - - - - 111
Kelly, Arthur J. - - - - 111
Nicely, Jacob K. - - - - 111
Pagurayan, Basilio - - - 111
Warford, B. G. - - - - 111
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